



Capstone Project Final Report

FPT STUDENT EVENT CALENDAR

YPHDT Team - FPT University

	Luyện Thị Yên	SE04823
	Lê Việt Thắng	SE04854
Group Members	Nguyễn Minh Phương	SE05113
	Đinh Lan Hương	SE05123
	Nguyễn Thị Mỹ Duyên	SE05164
Supervisor	Lecturer: Phan Trường Lâm	

Hanoi, April 2019

Table of Contents

Acknowledgement	7
List of acronyms	8
List of tables	9
List of figures	10
Chapter 1: Project introduction.....	12
1. Purpose 目的.....	12
2. Project information プロジェクト情報.....	12
3. Project team プロジェクトチーム.....	12
3.1. Supervisor スーパーバイザー	12
3.2. Project members プロジェクトメンバー	12
4. Problem 課題.....	13
5. Existing solutions 存在の対策.....	13
5.1. Vermont Law School's solution バーモント法科大学の対策	14
5.2. Tufts University's solution タフツ大学の対策	15
5.3. Concordia University Irvine's solution コンコルディア大学アーバインの対策.....	16
6. The proposal of system システムの提案.....	16
6.1. System introduction システム紹介	16
6.2. System functions システム機能	17
6.3. Business flows ビジネス フロー	18
6.3.1. The process of publicizing an event イベント公開プロセス	18
6.3.2. The process of changing information of an event after publicizing it 公開後のイベント情報変更プロセス	18
6.4. Out-of-scope functions 範囲外機能	19
Chapter 2: Project plan.....	20
1. Purpose 目的.....	20
2. Project overview プロジェクト概要	20

2.1. Scope 範囲.....	20
2.2. Objectives 目的.....	20
2.3. Milestone and deliverables マイルストーンと成果物.....	20
3. Project organization プロジェクト組織.....	21
3.1. Software process model ソフトウェアプロセスモデル.....	21
3.2. Roles and responsibilities 役割と責任.....	22
3.2.1. Organization structure 組織構造.....	22
3.2.2. Roles and responsibilities 役割と責任.....	23
3.2.3. Project team members プロジェクトのチームメンバー	23
4. Project schedule プロジェクト管理計画	23
5. Communication management コミュニケーション管理	25
5.1. Communication between members チームメンバー間コミュニケーション	25
5.2. Communication with supervisor スーパーバイザーとのコミュニケーション	26
5.3. Meeting plan 会議プラン	26
6. Configuration management 構成管理	27
6.1. Tools & Techniques ツールと技術	27
6.2. Conventions 規約.....	28
Coding conventions コーディング規約	28
Document conventions ドキュメント規約	28
Filename Conventions ファイルの命名規則	28
7. Risk management リスク管理	28
7.1 Risk register リスク登録.....	28
7.2. Probability – Impact matrix 確率 - インパクトマトリックス	29
Chapter 3: Software requirement specification	31
1. Purpose 目的.....	31

2. Functional requirement 機能要求	31
2.1. Use case diagram ユースケース図.....	31
2.2. Use case actors ユースケースアクター.....	35
2.3. Use Cases List ユースケースリスト	36
2.4. Use Cases Detail ユースケース詳細.....	39
2.4.1. Authentication 認証.....	39
2.4.2. View Homepage ホームページ閲覧	44
2.4.3. Manage your account アカウント管理	47
2.4.4. View event イベント閲覧	48
2.4.5. Manage your event 個人用イベント管理	62
2.4.6. Manage category カテゴリー管理	78
2.4.7. Manage event イベント管理.....	83
2.4.8. Manage account module アカウントモジュール管理.....	90
2.4.9. Manage group グループ管理	94
2.4.10. Manage notifications お知らせの管理.....	103
3. Non-functional requirements 非機能要件	103
3.1. Security セキュリティ	103
3.2. Supportability サポートアビリティ	103
3.3. Usability ユーザビリティ	104
3.4. Maintainability and extensibility 保守性と拡張性.....	104
4. Entity relationship diagram 実体関連図	105
5. State machine diagram ステートマシン図	106
Chapter 4: Software design	107
1. Purpose 目的.....	107
2. Architectural overview アーキテクチャの概要.....	107

2.1	System overview システムの概要	107
2.2.	Architecture design アーキテクチャ設計	109
2.2.1.	Architecture layers design 建築層デザイン	109
2.2.2.	Package design パッケージデザイン	110
3.	System design システム設計	112
3.1.	Database design データベース設計	112
3.1.1.	Database diagram データベース図	112
3.1.2.	Database dictionary データベース辞書	113
3.2.	Detailed design 詳細設計	121
3.2.1.	Authentication 認証	121
3.2.2.	View Homepage ホームページの閲覧	129
3.2.2.1.	View Homepage ホームページの閲覧	129
3.2.3.	Manage your account アカウント管理	133
3.2.4.	View event イベント閲覧	137
3.2.5.	Manage your event 個人用イベントの管理	166
3.2.6.	Manage category カテゴリー管理	194
3.2.7.	Manage event イベント管理	203
3.2.8.	Manage account アカウント管理	217
3.2.9.	Manage group グループ管理	226
3.2.10.	Manage notifications module お知らせの管理	245
Chapter 5:	Software testing	247
1.	Introduction 紹介	247
1.1.	Purpose 目的	247
1.2.	Scope of testing テストの範囲	247
1.2.1.	Stages of testing テストの段階	247
1.2.2.	Types of testing	247

1.2.3. Range of testing	247
2. Test plan テスト計画	248
2.1. Testing Tools and Environment テストツールと環境	248
2.2. Resources and Responsibilities リソースと責任	248
2.3. Test Strategy テスト戦略	249
2.3.1. Test Model テストモデル	249
2.3.2. Test Type テストタイプ	249
2.3.3. Stages of testing テストの段階	251
2.3.4. Test process テスト工程	251
2.3.5. Test schedule テストスケジュール	251
2.3.6. Deliverables 成果物	251
2.4. Features to be Tested テストする機能	252
3. Test Approach テストアプローチ	252
3.1. Unit testing with MSTest MSTest による単体テスト	252
Unit testing is done by developers. SEC develop team embraces this feature to gain the following advantages:	252
3.2. Integration and System Test 統合とシステムテスト	252
3.3. Acceptance Test 受け入れテスト	252
3.4. Defect log 不良ログ	254
4. Test Report テストレポート	255
4.1. Unit test report 単体テストレポート	255
4.2. Integration System test case report 統合システムテストケースレポート	257
Chapter 6: User manual	262
1. Deployment guildline 配置ガイドライン	262
1.1. Environment for Deployment 配置環境	262
1.2. Setup Deployment 配置セットアップ	262

2. User Guideline ユーザガイド	267
2.1. Guest Actor ゲストアクター	267
2.1.1. Login ログイン	267
2.1.2. Logout ログアウト	268
2.1.3. View Public Event 公開イベント閲覧	269
2.1.4. Feedback by Facebook account フェイスブックアカウントでフィードバック ..	270
2.2. Student Actor 学生アクター	272
2.2.1. View Student Homepage 学生のホームページ閲覧	272
2.2.2. Manage your profile プロファイル管理	273
2.2.3. View University Event Calendar 大学のイベントカレンダー閲覧	274
2.2.4. View your event calendar 個人用イベントカレンダー閲覧	275
2.2.5. View all events 全てのイベント閲覧	276
2.2.6. Search event イベント検索	277
2.2.7. View registered events 登録済みイベント閲覧	278
2.2.8. Report/Bookmark/Share/Register/Feedback an event イベントの報告／ブックマーク／シェア／参加申請／フィードバック	279
2.2.9. View group グループ	281
2.3. Organizer Actor 主催者アクター	284
2.3.1. View Organizer Homepage 主催者のホームページ閲覧	284
2.3.2. Create an event イベント作成	284
2.3.3. Manage pending events 保留中のイベント管理	287
2.3.4. Export statistic 統計輸出	288
2.3.5. Check-in event チェックイン	289
2.4. Manager Actor 部長アクター	292
2.4.1. View Manager Homepage	292
2.4.2. Create category カテゴリー作成	293

2.4.3.	Manage category カテゴリー管理	294
2.4.4.	Manage featured events 特集イベント管理	296
2.4.5.	Manage pending events 保留中のイベント管理.....	297
2.4.6.	Manage report of an event イベント報告管理	299
2.4.7.	Manage group グループ管理	299
2.5.	Administrator Actor 管理者アクター.....	301
2.5.1.	Create account アカウントを作成する	301
2.5.2.	View all accounts 全てのアカウント閲覧.....	304
2.5.3.	Edit account's role 役割変更	305

Acknowledgement

Firstly, we wish to express our deepest gratitude to our supervisor, Mr. Phan Truong Lam, for his continuously sharing and motivating throughout this project. With the encouragement and advice he has provided throughout our time as his students, we felt that we are extremely lucky to have a supervisor who cared so much about our work, and who responded to our questions and queries so promptly.

Besides, we have to thank our parents, for their encouragement unconditionally (even they don't know what truly we are doing)...

In particular, we would like to say thank you (and sorry because of our disturbance) to PDP & SRO department especially Mrs. Pham Tuyet Hanh Ha & Mrs. Nguyen Ha Thanh because they have shared us a lot of information so we can have a chance to develop this system in a better way.

And we want to say thank to our friends for the supports in gather information of the events which have been organizing in FPT University and for the feedback to SEC system they've given.

Finally, we would also like to thank ... FPT University, because "he" gave us a chance to come together in order to fight with each other, to feel angry at each other,... to produce a system that is so great under the view of us (because we did try our best)!

Without all of you, it would have likely been a real struggle to solve every tiny problem.

YPHDT Team

List of acronyms

Acronym	Definition
API	Application Programming Interface
GUI	Graphical User Interface
HTTP	Hypertext Transfer Protocol
HTTPS	Hypertext Transfer Protocol Secure
IDE	Integrated Development Environment
MOOC	Massive Open Online Course
N/A	Not Available
OS	Operating System
PM	Project Manager
SRS	Software Requirement Specification
UC	Use Case
UI	User Interface
UML	Unified Modeling Language
URL	Uniform Resource Locator
UX	User Experience

List of tables

Table 1. Supervisor's information	12
Table 2. Project team members' information	13
Table 3. Types of user in SEC system	17
Table 4. Milestone and Deliverables' information	21
Table 5. Tools and techniques	27
Table 6. Risk registers	29
Table 7. The probability and impact matrix	29
Table 8. Actor description	36
Table 9. Use case list table	39
Table 10. Top-level directories	111
Table 11. Database entity description table	113
Table 12. Group table design	114
Table 13. User table design	115
Table 14. Category table design	115
Table 15. Like table design	116
Table 16. Event table design	117
Table 17. Bookmark table design	117
Table 18. Feedback table design	118
Table 19. Register table design	118
Table 20. UserProfile table design	119
Table 21. Checkin table design	119
Table 22. Form table design	119
Table 23. EventFamily table design	120
Table 24. EventCategory's description	120
Table 25. Report table design	120
Table 26. Notification table design	121
Table 27. Student's homepage screen	130
Table 28. Organizer's homepage screen	130
Table 29. Manager's homepage screen	131
Table 30. Admin's homepage screen	131
Table 31. View profile screen	134
Table 32. Update profile screen	135
Table 33. View own calendar screen	140
Table 34. Search and filter of events screen	146
Table 35. Stages of testing	247
Table 36. V model	249
Table 37. User interface testing	250
Table 38. Stages of testing	251
Table 39. Schedule for testing of SEC project	251
Table 40. Deliverables for SEC Project	251
Table 41. Checklist of acceptance test table	253
Table 42. SEC system test case report	260

List of figures

Figure 1. Vermont Law School's student event calendar system	14
Figure 2. An event's information in Vermont Law Schoools's student event calendar system	14
Figure 3. Tufts University's student event calendar system.....	15
Figure 4. Concordia University's student calendar event system	16
Figure 5. The process of publicizing an event.....	18
Figure 6. The process of changing information of an event after publicizing it	18
Figure 7. Waterfall Process Model	21
Figure 8. Roles and Responsibilities description.....	22
Figure 9. Project team organization.....	23
Figure 10. Project role description.....	23
Figure 11. Work breakdown structure	25
Figure 12. Meeting Minutes Template.....	26
Figure 13. Guest's usecase	31
Figure 14. Student's usecase	32
Figure 15. Organizer's usecase.....	33
Figure 16. Manager's usecase	34
Figure 17. Admin's usecase	35
Figure 18. Entity Relationship Diagram	105
Figure 19. State machine diagram of an event	106
Figure 20. System overview	107
Figure 21. Architecture layers design.	109
Figure 22. Package diagram	110
Figure 23. Database diagram.....	112
Figure 24. Login screen	121
Figure 25. Feedback by Facebook account screen	125
Figure 26. Edit own feedback screen	127
Figure 27. Delete own Facebook feedback screen	128
Figure 28. Confirmation box of delete own Facebook feedback screen.....	128
Figure 29. View registered events screen	137
Figure 30. Search registered event.....	138
Figure 31. View university calendar screen	141
Figure 32. View all events screen.....	143
Figure 33. Search and filter of events screen	145
Figure 34. Search sugegestion screen	149
Figure 35. View event detail screen.....	152
Figure 36. View list feedback screen	154
Figure 37. Feedback event screen.....	156
Figure 38. Delete own feedback screen	157
Figure 39. Confirmation box of delete own feedback screen.....	157
Figure 40. Edit own feedback screen.....	159
Figure 41. Bookmark button design	160
Figure 42. Share button design.....	161
Figure 43. Register button design.....	162

Figure 44. Create event screen	167
Figure 45. Create form screen	169
Figure 46. Save draft button design	172
Figure 47. View list draft events screen.....	174
Figure 48. View your events screen.....	183
Figure 49. Export statistics screen	187
Figure 50. Check-in event screen	190
Figure 51. View registered students screen.....	192
Figure 52. View checked-in students screen	193
Figure 53. Add category screen.....	195
Figure 54. View all categories screen	197
Figure 55. Edit category screen	198
Figure 56. Make event featured.....	203
Figure 57. Manage pending events screen	205
Figure 58. Search pending events	206
Figure 59. Accept event button design	208
Figure 60. Reject event button design.....	209
Figure 61. View all reports screen.....	211
Figure 62. Search report design.....	213
Figure 63. Block event button design	215
Figure 64. Dismiss event button.....	216
Figure 65. View list accounts screen	218
Figure 66. View detail account screen	219
Figure 67. Edit account role screen	221
Figure 68. View all accounts screen	222
Figure 69. Create account screen.....	225
Figure 70. View all groups screen - Student & Admin role.....	226
Figure 71. View all groups screen - Organizer role.....	227
Figure 72. View all groups screen - Manager role	227
Figure 73. Search group design	229
Figure 74. View group information screen	231
Figure 75. View group members screen	233
Figure 76. Add member to group screen.....	236
Figure 77. Remove member screen	238
Figure 78. Edit information of group screen	239
Figure 79. Create group screen.....	241
Figure 80. Change leader screen.....	243
Figure 81. Show notifications screen.....	245
Figure 82. Test process	251
Figure 83. Defect log management tool.....	254
Figure 84. Sample Login module test case	261

Chapter 1: Project introduction

1. Purpose 目的

This document provides an overview of the FPT Student Event Calendar Project. In this document includes project information, supervisor, project team members, the overview of existing systems, the problems and solution of the project, brief description of our expected application and some critical assumptions, constraints. In the end, it will be some out of scope of the project.

2. Project information プロジェクト情報

- Project Name: FPT Student Event Calendar
- Project Code: SEC
- Project Team Name: YPHDT
- Product Type: Web Application
- Project Start Date: 2019-01-07
- Project End Date: 2019-04-29

3. Project team プロジェクトチーム

3.1. Supervisor スーパーバイザー

Title	Full Name	Phone	Email	Role
Lecturer	Phan Trường Lâm	0913507828	LamPT2@fe.edu.vn	Supervisor

Table 1. Supervisor's information

3.2. Project members プロジェクトメンバー

No	Full Name	Roll Number	Phone	Email	Role
1	Lê Việt Thắng	SE04854	0332554026	ThangLVSE04854@fpt.edu.vn	Leader
2	Luyện Thị Yên	SE04823	0388696963	YenLTSE04823@fpt.edu.vn	Member
3	Nguyễn Minh Phương	SE05113	0397092029	PhuongNMSE05113@fpt.edu.vn	Member
4	Đinh Lan Hương	SE05123	0962925214	HuongDLSE05123@fpt.edu.vn	Member

5	Nguyễn Thị Mỹ Duyên	SE05164	0835713075	DuyenNTMSE05164@fpt.edu.vn	Member
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Table 2. Project team members' information

4. Problem 課題

With more than 5500 students studying and living at FPT University in Hoa Lac campus, for every semester (4 months) there are many events organized by student organizations, clubs, team, or department such as IC-PDP department, SRO department,...

However, the fact shows that, with more than 50 clubs, teams and departments working and organizing events at FPT University, fully grasping the necessary information about the extracurricular events are being organized at Hoa Lac FPT University is a difficult task if there is no suitable support tool for followers. Firstly, at present, departments, teams or clubs mainly bring events to students through fan pages and Facebook posts, however, because events are organized by different organizations so the source of information on Facebook is scattered in many places, this has caused students to be able to miss the necessary information. Secondly, for historical events (annual, regular events), students will have difficulties in finding and searching for the quality of that event in the past to make a decision should join or not. Thirdly, because the student's feedback on the Facebook events is also scattered, the organizers will not be able to receive fully useful feedback for the review after organizing events.

Standing on the look of PIC on events of FPT University, there is currently no common data storage channel for all events at FPT University at Hoa Lac campus. It is very difficult to provide specific statistics, summarized to evaluate the value brings to student of each event.

5. Existing solutions 存在の対策

There are some solutions to manage the events at universities.

5.1. *Vermont Law School's solution バーモント法科大学の対策*

The screenshot shows a website header for 'VERMONT LAW SCHOOL' with a navigation menu icon. Below it, a breadcrumb trail reads 'VLS / Community / Students / STUDENT EVENT CALENDAR'. A message states: 'For all upcoming events on and around the Vermont Law School Campus, from educational conferences to student group meetings, please check the listing below.' The calendar lists four events:

- Judicial Clerkship Panel** (15 FEB 2019) - 12:45pm - 2:00pm at Oakes 007
- Vagina Monologues** (15 FEB 2019) - 7:00pm - 10:00pm at Chase Center
- Electrification: Why it Makes Sense and Can Be in the Public Interest** (16 FEB 2019) - 10:00am - 2:00pm at Chase Center
- The Environmental Justice Caravan** (19 FEB 2019) - 5:30pm - 7:30pm at Yates Common 104

Figure 1. Vermont Law School's student event calendar system

Vermont Law School has a system that gathers all the upcoming school events that will take place. This is a simple but effective system that displays the event's name, date and time frame. Clicking on an event, system will show details about the event, such as additional information and contact information.

The screenshot shows a detailed view of an event: 'JUDICIAL CLERKSHIP PANEL' on 15 FEB 2019. It includes the date, time (12:45pm - 2:00pm), location (Oakes 007), and a description: 'Career Services and the Judicial Clerkship Committee discuss the application process for a Judicial Clerkship and hear from several recent alums about their clerkship experiences.' At the bottom, there's a question and answer section: 'Questions? Concerns? Contact Elijah Gleason at egleason@vermontlaw.edu'.

Figure 2. An event's information in Vermont Law Schools's student event calendar system

5.2. Tufts University's solution タフツ大学の対策

The screenshot shows a web-based event calendar interface. At the top, there are navigation buttons for months and years, and links for 'Subscribe' and 'My Events'. Below this is a filter bar with checkboxes for 'Cultural', 'Media', 'Performance', 'Political', 'Religious', 'Service', and 'Special Events'. A 'Mix-in: All, None' button is also present. Underneath the filter bar are buttons for 'All', 'Add to My Calendar', 'Email Reminder', and 'More Event Actions'. The main content area is divided into two sections: 'FEBRUARY 2019' and 'MARCH 2019', each containing a table with columns for Date, Time, Event, and Location.

Date	Time	Event	Location
Feb 18	8pm	Pre-Veterinary Society Early Assurance Panel	Tisch Library, Room 316
Feb 20	6pm	Tufts Historical Review Presidential Lecture	Terrace Room, Paige Hall
Feb 21	7pm	TUSC Coffeehouse ft. Hawthorn	Curtis Hall MPR
Feb 22	5pm	Death Cafe	Interfaith Center
Feb 22	7pm	TUSC Film Series: The Immortal Life of Henrietta Lacks (2017)	Tisch Library Room 304
Feb 22	8pm	TASA Culture Show 2019	Cohen Auditorium
Feb 22	9:30pm	TUSC Film Series: Monsters and Men (2018)	Tisch Library Room 304
Feb 22	10pm	TUSC Late Night FUN: Mini Magazine Covers with the Africana Center	Campus Center Lobby
Feb 23	7pm	TUSC Film Series: Monsters and Men (2018)	Tisch Library Room 304
Feb 23	8pm	TASA Culture Show 2019	Cohen Auditorium
Feb 23	9:30pm	TUSC Film Series: Moonlight (2016)	Tisch Library Room 304
Feb 24	8pm	TUSC Film Series Viewing Party: The Oscars	Curtis Hall MPR
Feb 25	10:30am	Tickets on Sale: Senior Trivia (21+)	
Feb 27	11am	TUSC Valida-tea Station in SEC	SEC Atrium
Feb 28	7pm	Faith and Music: Open Mic	Interfaith Center

Date	Time	Event	Location
Mar 1	11am	TUSC Free Stuff Friday	Campus Center Lobby

Figure 3. Tufts University's student event calendar system

Tufts University's calendar system uses Trumba calendar service. It greatly supports students with features such as event filtering in many respects, adding events to personal calendars and setting event reminders by email or phone messaging.

5.3. Concordia University Irvine's solution コンコルディア大学アーバイ ンの対策

Student Events Calendar							Print	Week	Month	Agenda
Sun	Mon	Tue	Wed	Thu	Fri	Sat				
27	28	29	30	31	Feb 1	2				
2pm A Grand Night f 6:30pm Sunday Sour	7pm Witness Panel 8:30pm INT: BASKET 8:30pm LEAD Intram	7:30am Free Commu 3:30pm Heritage Gar 5pm Enactus Club M	10:30am Senate 10:30am DA: Coffee 5pm Bella Amore Ta 8:30pm INT: BASKET 5:30pm Study Sesh - 8:30pm LEAD Intram	7pm Concordia Univ 9:30pm SHOUT! +2 more	10am Concordia Univ 11:30am Concordia U 2pm Concordia Univ 4:30pm Concordia Ur +2 more	9am Concordia Care 11am Concordia Univ 1pm Concordia Univ 2pm Concordia Univ +4 more				
3	4	5	6	7	8	9				
Superbowl Sunday 11am Concordia Univ 2pm Concordia Univ 6:30pm Sunday Sour	8:30pm LEAD Intram 7:30am Free Commu 10:30am Summer Ca 10:30am SUMMER EM 2pm Concordia Univ +4 more	10am PH & CC: Bloo 10:30am Senate 10:30am DA: Coffee 5:30pm Study Sesh - 8:30pm I FAD Intram	10am PH & CC: Bloo 2pm Concordia Univ 5pm Concordia Univ 5:30pm Concordia Ur +2 more	ASCU1 elections SA: Suitcase Bingo Student Leadership 10am Concordia Univ 10am Concordia Univ +3 more	9am Concordia Univ 9:30am Concordia Ur 10am Concordia Univ 10am Concordia Univ +8 more					
10	11	12	13	14	15	16				
12pm Women's Minis 1pm Concordia Univ 6:30pm Sunday Sour	5pm Concordia Univ 5:30pm Global Villag 7pm Sex, Love & Da 8:30pm INT: BASKET 8:30pm I FAD Intram	2pm Concordia Univ 3:30pm Heritage Gar 5pm Enactus Club M 5:30pm Concordia Ur +3 more	(9:00am) Concordia University Irvine Men's Swimming and (9:00am) Concordia University Irvine Women's Swimming 10:30am Senate 10:30am DA: Coffee +7 more	3:30pm CC: Ronald H 6pm Concordia Univ 9:30pm SHOUT!	2pm Concordia Univ 2pm Concordia Univ 2pm Concordia Univ +2 more	8am Concordia Univ 10am Women's Minis 12pm Concordia Univ 1:30pm Concordia Ur +6 more				
17	18	19	20	21	22	23				
12pm Concordia Univ 4pm Concordia Univ 6:30pm Sunday Sour	5:30pm Concordia Ur 7:30pm Concordia Ur 8:30pm INT: BASKET 8:30pm LEAD Intram	11am DA: Lantern Fe 12pm Concordia Univ 2pm Concordia Univ 3:30pm Heritage Gar	10:30am Senate 10:30am DA: Coffee 2pm Concordia Univ 5:30pm Study Sesh - +4 more	10:30am Senate 7:30am Free commu 2pm Concordia Univ 5:30pm Study Sesh - +4 more	Senior Speaker Nominations// Postcard 10am Concordia Univ 11am Concordia Univ 12pm Concordia Univ +7 more	8:30am Concordia Ca 10am Concordia Univ 11am Concordia Univ 12pm Concordia Univ +5 more				
24	25	26	27	28	Mar 1	2				
12pm Concordia Univ 6:30pm Sunday Sour	11am Cafecito 2pm Concordia Univ 7pm Gender Roles P 8:30pm INT: BASKET 8:30pm LEAD Intram	11am PH: Marty Gra 2pm Concordia Univ 3:30pm Heritage Gar 5pm Enactus Club M 8:30pm INT: BASKET 8:30pm INT: BASKET	10:30am Senate 10:30am DA: Coffee 11am CO: \$1 Comm 11am SA: Kindergart +4 more	5pm Concordia Univ 7pm Concordia Univ 9:30pm SHOUT! +4 more	10am Concordia Univ 10am Concordia Univ 12pm Concordia Univ 12:30pm Concordia U +2 more	10am Concordia Univ 11am Concordia Univ 11am Concordia Univ 12:45pm Concordia U +5 more				

Figure 4. Concordia University's student calendar event system

Concordia University Irvine uses Google Calendar as a calendar management system. Google Calendar is convenient for students who also use Google Calendar. The school calendar can be integrated with the student's calendar, allowing them to have an overview of their free time to be able to register for the event logically.

6. The proposal of system システムの提案

This section covers the system in which the project team will develop to overcome the problems mentioned above.

6.1. *System introduction* システム紹介

SEC (FPT Student Event Calendar) is a place where students are closer to events and extracurricular activities taking place at FPT University. SEC provides full information about all the events taking place

at FPT University in an intuitive form that allows users to track events quickly (in the form of timetable schedule) and edges. With SEC, students have opportunities to write comments, give feedbacks on events (with the current system, the school has trouble in gathering event feedback).

For organizers, SEC is a system that can improve the ability to analyze data from events. From the stored data based on student event participation, the system will produce detailed statistics data that helps organizers find the right solution or idea in time, location, manpower, target audience, etc in building or organizing an event.

For PIC on events of FPT University, SEC provides multi-dimensional views, and the value brings to students of events.

6.2. *System functions* システム機能

There are 4 types of user in SEC system:

Type of User	Description
Student	People who are studying in FPT University at Hoa Lac Campus.
Organizer	Users who create new events at FPT University.
Manager	User who have the right to decide whether an event can go public. And they can keep track of all event information.
Administrator	People who have a role in managing the accounts.

Table 3. Types of user in SEC system

SEC system will provide the following functions to the above users:

- Allow students to view the information of all the events in FPT University and support students to search about events which have been organized in FPT University.
- Allow students to register to the events in FPT University and support them to view all the registered they have registered since they went to FPT University.
- Allow students to feedback about the event and to see all the feedback from others.
- Allow students to rate an event.
- Allow students to manage their profile and see others' profile.
- Allow students to manage their individual calendar by storing information about the event in their individual calendar. And the individual calendar can show them either the schedule of class or the exam calendar.
- Allow students to report an event if they find out bad content in that event. So that managers can see all the reports.
- Allow organizers to bring their events to a place that only serves to bring events to students at FPT University.

- Allow organizers to collect feedback, report or statistics of the events they have organized in a supportive way.
- Allow organizers to check-in students at the happening events and store that information to the database system.
- Allow organizers to follow the registration form so they can have a suitable solution to boost up promotion campaign.
- Allow organizers to manage their group (if they take the leadership position)
 - o They can add new members to group as well as remove members out of group.
 - o They can change the information of the group.
- Allow managers to manage categories of events.
- Allow managers to manage the groups of users.
 - o Manager can change the leader of groups.
 - o Manager can delete the groups if these groups are no longer exist.
- Allow managers to decide whether an event be able to be public or not.
- Allow all users to receive notifications to follow all the things happening around.
- Allow administrators to manage the role of users.

6.3. Business flows ビジネス フロー

6.3.1. The process of publicizing an event イベント公開プロセス

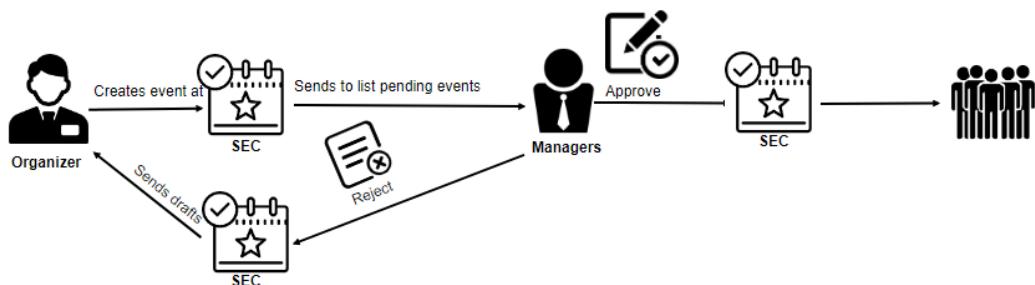


Figure 5. The process of publicizing an event

6.3.2. The process of changing information of an event after publicizing it 公開後のイベント情報変更プロセス



Figure 6. The process of changing information of an event after publicizing it

6.4. *Out-of-scope functions* 範圍外機能

Due to the limitation of time, in this project, the following functions are not implemented:

- Mobile phone responsive layout.
- Dashboard page for administrators to view system statistics.
- Evaluate student's contribution in events.
- Payment function for paid events.
- Support for multi campuses.
- Full notifications for all users.

Chapter 2: Project plan

1. Purpose 目的

This chapter provides an overview of the project plan, including software process model and project organization. Moreover, the document also details tools will be used, coding conventions, communication management and risk management.

2. Project overview プロジェクト概要

2.1. Scope 範囲

The scope of this project includes these stages:

- Collect user requirement and software requirement specification.
- Develop architecture and detailed design document.
- Code and unit test.
- Develop test case and execute combination test.

This application has these main functions:

- Search, view, register, feedback
- Manage events
- View event's statistic

2.2. Objectives 目的

Project must be finished before 29/04/2019 with three main deliverables:

- Web application (covers 100% of requirements described in chapter 3)
- Project documentation (meet FPT University capstone project template)
- Project presentation slides

2.3. Milestone and deliverables マイルストーンと成果物

No	Milestones	Deliverable Date
1	Project Registration	06/01/2019

2	Submit Report No.1: Q&A Management, Project Introduction, Software Project Management Plan, Software Requirements Specifications (SRS)	12/02/2019
3	Submit Report No.2: Architecture design, Screen design, Database design (Design document)	26/02/2019
4	Submit Report No.3: Test Plan and Test case	26/02/2019
5	Submit Report No.4: Implementation (Unit test report, Source code)	15/04/2019
6	Submit Report No.5: Execute System test (Test report, Quality report)	22/04/2019
7	Submit Report No.6: Source code, user manual, installation guide	28/04/2019
8	Submit Final Report	02/05/2019
9	Submit all project resources	02/05/2019
10	Project defense	09/05/2019

Table 4. Milestone and Deliverables' information

3. Project organization プロジェクト組織

3.1. Software process model ソフトウェアプロセスモデル

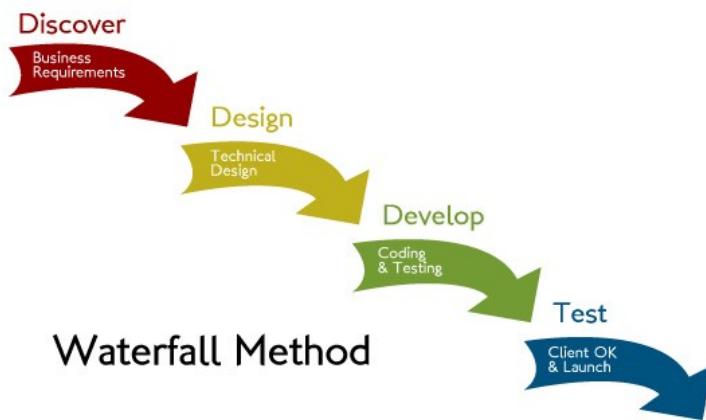


Figure 7. Waterfall Process Model

In SEC project, the Waterfall software process model is chosen. The reasons are:

- This model is simple and easy to understand and use.
- It is easy to manage due to the rigidity of the model – each phase has specific deliverables and a review process.
- In this model phases are processed and completed one at a time. Phases do not overlap.
- Waterfall model works well for smaller projects where requirements are clearly defined and very well understood.

3.2. *Roles and responsibilities* 役割と責任

3.2.1. Organization structure 組織構造

Role	Responsibilities
Supervisor	Responsible for guiding the project team, giving advice on making requirement as well as technology, assess progress of the project team
Project Manager	Responsible for planning, managing and controlling the project, is a bridge between the customer and project team, providing Project Introduction and Project Plan
Business Analyst Leader	Responsible for market research, analyzing customer requirements and providing Software Requirements Specification
Business Analyst	Responsible for completing requirement analyst tasks assigned by Business Analyst Leader
Technical Leader	Responsible for analyzing and designing the system as well as selecting the technology that is suitable for customer requirements, providing Software Architecture Design and Software Detailed Design
Developer	Responsible for programming system components and features according to the design of Technical Leader
Test Leader	Responsible for planning and controlling software testing, providing Test Plan and Test Cases
Tester	Responsible for implementing test according to the plan of Test Leader
Secretary	Responsible for recording what was mentioned in the meetings as Meeting Minutes and managing QA questions with customers

Figure 8. Roles and Responsibilities description

3.2.2. Roles and responsibilities 役割と責任

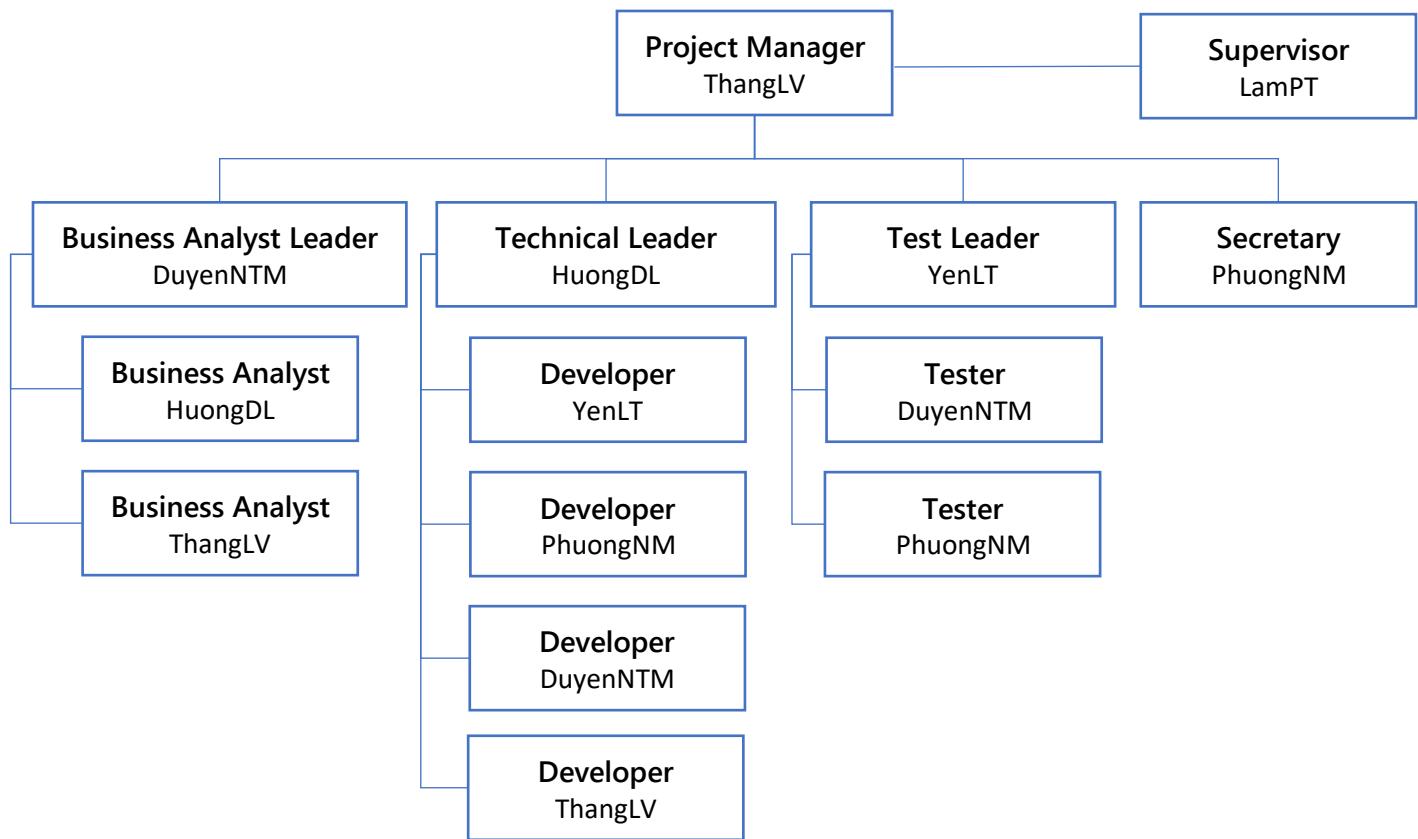


Figure 9. Project team organization

3.2.3. Project team members プロジェクトのチームメンバー

Member	Role
Lê Việt Thắng	Project Manager, Business Analyst, Developer
Luyện Thị Yên	Test Leader, Developer
Nguyễn Minh Phương	Secretary, Developer
Đinh Lan Hương	Technical Leader, Business Analyst
Nguyễn Thị Mỹ Duyên	Business Analyst Leader, Developer, Tester

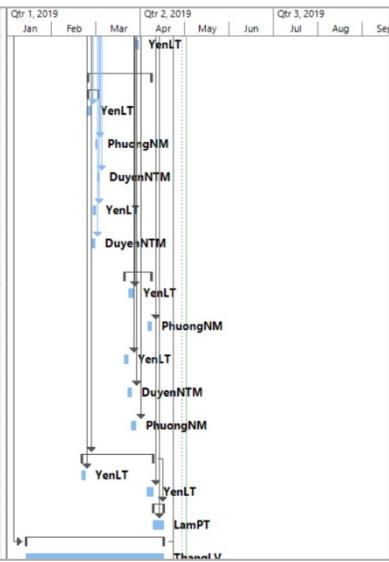
Figure 10. Project role description

4. Project schedule プロジェクト管理計画

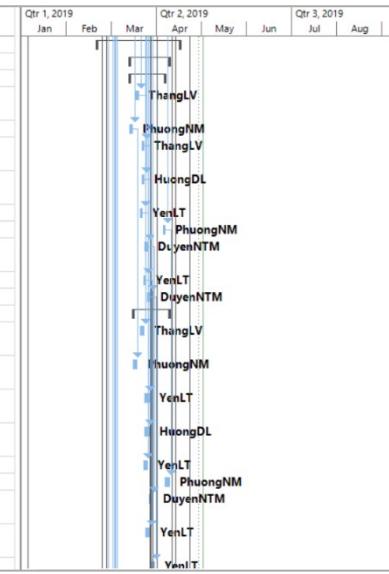
To finish the project successfully, the team follows the following schedule. The detailed schedule is in **SEC_Project_Management.mpp** file.

FPT Student Event Calendar - SEC

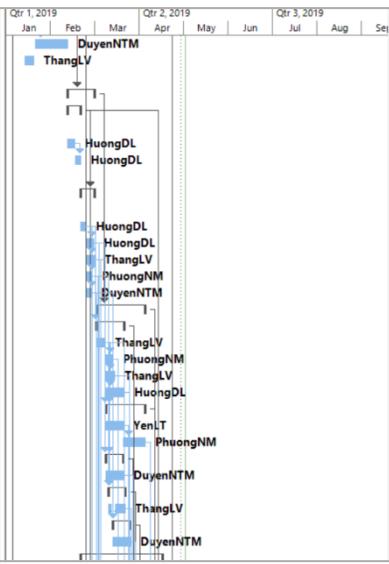
	Task Mode	Task Name	Start	Duration	Finish	Predecessors	Resource Names	Qtr 1, 2019	Jan	Feb	Mar	Apr	May	Jun	Qtr 2, 2019	Jul	Aug	Sep
76	Normal	Perform Unit Test Account Management	Fri 3/29/19	3 days	Sun 3/31/19	66	YenLT											
77	Normal	Integration Testing	Mon 2/25/19	44 days	Wed 4/10/19													
78	Normal	Plan Integration Tests	Mon 2/25/19	8 days	Tue 3/5/19	1												
79	Normal	Plan Integration Test Common Features	Mon 2/25/19	2 days	Wed 2/27/19	35	YenLT											
80	Normal	Plan Integration Test Student Features	Sat 3/2/19	1: 2 days	Sun 3/3/19	5	PhuongNM											
81	Normal	Plan Integration Test Organizer Features	Sun 3/3/19	1: 2 days	Tue 3/5/19	1	DuyenNTM											
82	Normal	Plan Integration Test Manager Features	Fri 3/1/19	8: 2 days	Sat 3/2/19	5:	38	YenLT										
83	Normal	Plan Integration Test Admin Features	Thu 2/28/19	2 days	Sat 3/2/19	1:	39	DuyenNTM										
84	Normal	Perform Intergration Tests	Fri 3/22/19	8: 19 days	Wed 4/10/19													
85	Normal	Perform Intergration Test Common Features	Mon 3/25/19	3 days	Thu 3/28/19	41	YenLT											
86	Normal	Perform Intergration Test Student Features	Sun 4/7/19	1: 3 days	Wed 4/10/19	46	PhuongNM											
87	Normal	Perform Intergration Test Organizer Features	Fri 3/22/19	8: 3 days	Sun 3/24/19	49	YenLT											
88	Normal	Perform Intergration Test Manager Features	Sun 3/24/19	3 days	Wed 3/27/19	51	DuyenNTM											
89	Normal	Perform Intergration Test Admin Features	Wed 3/27/19	3 days	Sat 3/30/19	1	53	PhuongNM										
90	Normal	System Testing	Thu 2/21/19	49 days	Thu 4/11/19	31												
91	Normal	Plan System Test	Thu 2/21/19	3 days	Sat 2/23/19	5	25	YenLT										
92	Normal	Perform System Test	Sat 4/6/19	1: 5 days	Thu 4/11/19	40	YenLT											
93	Normal	Acceptance Testing	Thu 4/1/19	7 days	Thu 4/18/19	90												
94	Normal	Perform Acceptance Test	Thu 4/1/19	7 days	Thu 4/18/19	31	LamPT											
95	Normal	Monitoring and Controlling	Mon 1/14/19	80 days	Thu 4/18/19	2355												
96	Normal	Monitor and Control Project	Mon 1/14/19	80 days	Thu 4/18/19	ThangLV												



	Task Mode	Task Name	Start	Duration	Finish	Predecessors	Resource Names	Qtr 1, 2019	Jan	Feb	Mar	Apr	May	Jun	Qtr 2, 2019	Jul	Aug	Sep	
55	Normal	Testing	Thu 2/21/19	56 days	Thu 4/18/19														
56	Normal	Unit Testing	Fri 3/15/19	8 27 days	Thu 4/11/19														
57	Normal	Plan Unit Tests	Fri 3/15/19	8 24 days	Sun 4/7/19	5													
58	Normal	Plan Unit Test System Authentication	Tue 3/19/19	2 days	Thu 3/21/19	42	ThangLV												
59	Normal	Plan Unit Test Profile	Fri 3/15/19	8 2 days	Sat 3/16/19	5	43	PhuongNM											
60	Normal	Plan Unit Test Notifications	Sat 3/23/19	1 2 days	Sun 3/24/19	44	ThangLV												
61	Normal	Plan Unit Test Calendar Management	Sat 3/23/19	1 2 days	Sun 3/24/19	45	HuongDL												
62	Normal	Plan Unit Test Event	Fri 3/22/19	8 2 days	Sat 3/23/19	5	47	YenLT											
63	Normal	Plan Unit Test Event	Sat 4/6/19	1 2 days	Sun 4/7/19	5	48	PhuongNM											
64	Normal	Plan Unit Test Event Creation and Request	Mon 3/25/19	2 days	Wed 3/27/19	50	DuyenNTM												
65	Normal	Plan Unit Test Event	Sun 3/24/19	2 days	Tue 3/26/19	52	YenLT												
66	Normal	Plan Unit Test Account	Wed 3/27/19	2 days	Fri 3/29/19	1	54	DuyenNTM											
67	Normal	Perform Unit Tests	Sun 3/17/19	25 days	Thu 4/11/19														
68	Normal	Perform Unit Test System Authentication	Fri 3/22/19	8 3 days	Sun 3/24/19	58	ThangLV												
69	Normal	Perform Unit Test Profile Management	Sun 3/17/19	3 days	Wed 3/20/19	59	PhuongNM												
70	Normal	Perform Unit Test Notifications	Mon 3/25/19	3 days	Thu 3/28/19	60	YenLT												
71	Normal	Perform Unit Test Calendar Management	Mon 3/25/19	3 days	Thu 3/28/19	61	HuongDL												
72	Normal	Perform Unit Test Event	Sun 3/24/19	3 days	Wed 3/27/19	62	YenLT												
73	Normal	Perform Unit Test Event	Mon 4/8/19	3 days	Thu 4/11/19	63	PhuongNM												
74	Normal	Perform Unit Test Event Creation and Request	Thu 3/28/19	3 days	Sat 3/30/19	64	DuyenNTM												
75	Normal	Perform Unit Test Event Management	Tue 3/26/19	3 days	Fri 3/29/19	1	65	YenLT											
76	Normal	Perform Unit Test	Fri 3/29/19	8 3 days	Sun 3/31/19	66	YenLT												



	Task Mode	Task Name	Start	Duration	Finish	Predecessors	Resource Names	Qtr 1, 2019	Jan	Feb	Mar	Apr	May	Jun	Qtr 2, 2019	Jul	Aug	Sep	
28	Normal	Create Usecase	Mon 1/21/19	8 days	Tue 2/12/19	27	DuyenNTM												
29	Normal	Determine Nonfunctional Requirements	Mon 1/14/19	6 days	Sat 1/19/19	5	ThangLV												
30	Normal	Design	Tue 2/12/19	19: 9 days	Sat 3/2/19	5:	24												
31	Normal	Create Software Architecture Design	Tue 2/12/19	9 days	Thu 2/21/19														
32	Normal	Select Architecture Model	Tue 2/12/19	5 days	Sat 2/16/19	5	HuongDL												
33	Normal	Determine Architecture Goal and Constraints	Sun 2/17/19	4 days	Thu 2/21/19	32	HuongDL												
34	Normal	Create Software Detailed Design Document	Thu 2/21/19	10 days	Sat 3/2/19	5:	31												
35	Normal	Design Common Features	Thu 2/21/19	4 days	Sun 2/24/19														
36	Normal	Design Student Features	Mon 2/25/19	5 days	Sat 3/2/19	1:	35	HuongDL											
37	Normal	Design Organizer Features	Mon 2/25/19	6 days	Sat 3/2/19	5:	35	ThangLV											
38	Normal	Design Manager Features	Mon 2/25/19	4 days	Fri 3/1/19	12	35	PhuongNM											
39	Normal	Design Admin Features	Mon 2/25/19	3 days	Thu 2/28/19	19	35	DuyenNTM											
40	Normal	Implementation	Sun 3/3/19	1 34 days	Sat 4/6/19	1:	30												
41	Normal	Develop Common Features	Sun 3/3/19	1 20 days	Sat 3/23/19	1 35													
42	Normal	Develop System	Sun 3/3/19	1 7 days	Sat 3/9/19	5:													
43	Normal	Develop Profile	Sun 3/10/19	5 days	Fri 3/15/19	1	42	PhuongNM											
44	Normal	Develop Notifications	Sun 3/10/19	6 days	Sat 3/16/19	1	42	ThangLV											
45	Normal	Develop Calendar	Sun 3/10/19	13 days	Sat 3/23/19	1	42	HuongDL											
46	Normal	Develop Student Features	Sun 3/10/19	27 days	Sat 4/6/19	1:	42,36												
47	Normal	Develop Event Viewing	Sun 3/10/19	12 days	Fri 3/22/19	1	1	YenLT											
48	Normal	Develop Event Interaction	Fri 3/22/19	18 5 days	Sat 4/6/19	1:	47	PhuongNM											
49	Normal	Develop Organizer Features	Sun 3/10/19	12 days	Fri 3/22/19	1:	42,37												
50	Normal	Develop Event Creation	Sun 3/10/19	12 days	Fri 3/22/19	1													
51	Normal	Develop Manager Features	Tue 3/12/19	12 days	Sat 3/23/19	5:	42,38												
52	Normal	Develop Event	Tue 3/12/19	9 days	Sat 3/23/19	5:													
53	Normal	Develop Admin Features	Fri 3/15/19	18 12 days	Wed 3/27/19	1:	42,39												
54	Normal	Develop Account	Fri 3/15/19	8 12 days	Wed 3/27/19	15													
55	Normal	Testing	Thu 2/23/19	56 days	Thu 4/18/19														



	Task Mode	Task Name	Start	Duration	Finish	Predecessors	Resource Names	Qtr 1, 2019	Jan	Feb	Mar	Qtr 2, 2019	Apr	May	Jun	Qtr 3, 2019	Jul	Aug	Sep	
1	Preinitiation	Form Project Team	Mon 1/7/19	2 days	Wed 1/9/19															
2	Identify Project Members	Mon 1/7/19	1 day	Tue 1/8/19	1															
3	Determine Project Manager	Mon 1/7/19	0.5 days	Mon 1/7/19			ThangLV													
4	Determine Project Supervisor	Tue 1/8/19	1 day	Wed 1/9/19	1	3	ThangLV, YenLT, PhuongNM, HuongDL, DuyenNTM													
5	Initiation	Wed 1/9/19	0.5 days	Tue 1/8/19	1		ThangLV, YenLT, PhuongNM, HuongDL, DuyenNTM													
6	Develop Project Charter	Wed 1/9/19	8 days	Thu 1/17/19	1															
7	Study Current Solutions	Wed 1/9/19	4 days	Sat 1/12/19	1		ThangLV, DuyenNTM													
8	Propose Project Solution	Sun 1/13/19	4 days	Thu 1/17/19	8															
9	Determine Project Scope	Sun 1/13/19	4 days	Thu 1/17/19			DuyenNTM													
10	Determine Business Objectives and Success	Sun 1/13/19	2 days	Tue 1/15/19			ThangLV													
11	Identify Project Stakeholders	Wed 1/9/19	3 days	Sat 1/12/19	1		HuongDL													
12	Planning	Mon 1/7/19	7 days	Sun 1/13/19																
13	Determine Software Development Model	Mon 1/7/19	3 days	Thu 1/10/19			ThangLV													
14	Develop Project Management	Mon 1/7/19	7 days	Sun 1/13/19																
15	Develop Project Schedule	Mon 1/7/19	5 days	Sat 1/12/19	1		ThangLV													
16	Plan Quality	Mon 1/7/19	3 days	Thu 1/10/19			PhuongNM													
17	Plan Communications	Mon 1/7/19	2 days	Wed 1/9/19			HuongDL													
18	Plan Risks	Mon 1/7/19	7 days	Sun 1/13/19																
19	Identify Risks	Mon 1/7/19	2 days	Wed 1/9/19			DuyenNTM													
20	Analyze Risks	Wed 1/9/19	2 days	Fri 1/11/19	20		DuyenNTM													
21	Plan Risk Responses	Fri 1/11/19	3 days	Sun 1/13/19	21		DuyenNTM													
22	Executing	Mon 1/14/19	80 days	Thu 4/18/19	13															
23	Requirements	Mon 1/14/19	15 days	Tue 2/12/19																
24	Create Software Requirement Specifications	Mon 1/14/19	15 days	Tue 2/12/19																
25	Determining Function	Mon 1/14/19	15 days	Tue 2/12/19																
26	Develop Usecase	Mon 1/14/19	7 days	Sun 1/20/19			DuyenNTM													
27	Create Usecase	Mon 1/21/19	8 days	Tue 2/12/19	27		DuyenNTM													
28																				

	Task Mode	Task Name	Start	Duration	Finish	Predecessors	Resource Names	Qtr 1, 2019	Jan	Feb	Mar	Qtr 2, 2019	Apr	May	Jun	Qtr 3, 2019	Jul	Aug	Sep	
85	Perform Intergration Test Common Features	Mon 3/25/19	3 days	Thu 3/28/19	41		YenLT													
86	Perform Intergration Test Student Features	Sun 4/7/19	3 days	Wed 4/10/19	46		PhuongNM													
87	Perform Intergration Test Organizer Features	Fri 3/22/19	3 days	Sun 3/24/19	49		YenLT													
88	Perform Intergration Test Manager Features	Sun 3/24/19	3 days	Wed 3/27/19	51		DuyenNTM													
89	Perform Intergration Test Admin Features	Wed 3/27/19	3 days	Sat 3/30/19	53		PhuongNM													
90	System Testing	Thu 2/21/19	49 days	Thu 4/11/19	31															
91	Plan System Test	Thu 2/21/19	3 days	Sat 2/23/19	25		YenLT													
92	Perform System Test	Sat 4/6/19	1: 5 days	Thu 4/11/19	40		YenLT													
93	Acceptance Testing	Thu 4/11/19	7 days	Thu 4/18/19	90															
94	Perform Acceptance Test	Thu 4/11/19	7 days	Thu 4/18/19	31		LamPT													
95	Monitoring and Controlling	Mon 1/14/19	80 days	Thu 4/18/19	2355															
96	Monitor and Control Project	Mon 1/14/19	80 days	Thu 4/18/19			ThangLV													
97	Verify and Control Project	Mon 1/14/19	80 days	Thu 4/18/19			ThangLV													
98	Control Project Schedule	Mon 1/14/19	80 days	Thu 4/18/19			ThangLV													
99	Perform Quality Control	Mon 1/14/19	80 days	Thu 4/18/19			ThangLV													
100	Report Performance	Mon 1/14/19	80 days	Thu 4/18/19			ThangLV													
101	Monitor and Control Risks	Mon 1/14/19	80 days	Thu 4/18/19			ThangLV													
102	Evaluation	Thu 4/18/19	5 days	Tue 4/23/19	95,23		ThangLV, LamPT													
103	Closing	Thu 4/18/19	11.5 days	Mon 4/29/19	23															
104	Create User Manual	Thu 4/18/19	7 days	Thu 4/25/19			ThangLV, YenLT, DuyenNTM, HuongDL, PhuongNM													
105	Document Learnt Lessons	Thu 4/18/19	3 days	Tue 4/23/19			DuyenNTM, HuongDL, ThangLV													
106	Present Project	Tue 4/23/19	1 day	Wed 4/24/19	105		DuyenNTM, HuongDL, PhuongNM, ThangLV, YenLT													
107	Transfer Project	Wed 4/24/19	5 days	Mon 4/29/19	106		LamPT, ThangLV													
108	Project Completed	Mon 4/29/19	0 days	Mon 4/29/19	103															

Figure 11. Work breakdown structure

5. Communication management コミュニケーション管理

5.1. Communication between members チームメンバー間コミュニケーション

Weekly meeting schedule: Team will have a meeting every Monday, and Friday to report the progress of the whole team's tasks. Any member who doesn't finish his task (without reasonable explanation), will be fined. If there is any issue, we will discuss and find solution together. If it is too difficult and can't be solved by ourselves, we will ask our supervisor for advises.

Unscheduled meeting: If someone has an important problem want to be solved immediately, we will have a meeting for discussion.

Communication channel: Our main communication channels are face-to-face meeting, Email and Skype. However, we sometimes can make a phone call or instant message if someone has problem.

5.2. *Communication with supervisor* スーパーバイザーとのコミュニケーション

Face-to-face meeting: Weekly on every Tuesday morning to make sure that supervisor can keep tracking of the team's progress.

E-mail: Gmail is the fastest way to get advice and document checking from supervisor.

Mobile Phone: Is used to get time and place arranged for the meeting every week.

5.3. *Meeting plan* 会議プラン

Within 15 weeks from 07/01/2019 to 29/04/2019, project team has meeting with instructor on every Tuesday of the week. When implementing process, if we had issue need instructor's consultation, we will proactively arrange meetings.

All meeting minutes will be written following this template:

 Fpt Software		WEEKLY MEETING MINUTES		
Project Code:	SEC	Conductor:	Phan Tường Lâm	
Project Manager:	Lê Việt Thắng	Secretary:	Nguyễn Minh Phương	
		Date:	18/01/2019 5h30	
		Venue:	606L	
List of Attendees				
No	Full Name	Unit/Group	Position	Attendance
1	Lê Việt Thắng			Present
2	Nguyễn Minh Phương			Present
3	Dinh Lan Hương			Present
4	Nguyễn Thị Mỹ Duyên			Present
5	Luyện Thị Yên			Present
Content				
No	Agenda	Detail & Key points	PIC	Deadline

Figure 12. Meeting Minutes Template

6. Configuration management 構成管理

6.1. Tools & Techniques ツールと技術

These are the tools and infrastructure the project team will use to develop the system.

Category	Tools and techniques
Programming Languages	C# HTML5, JavaScript
Frameworks	Bootstrap 4 ASP.NET MVC Entity Framework
Software Architecture	MVC
Operating System	Microsoft Windows 10
Version Control	Google Drive Atlassian Bitbucket Atlassian SourceTree
IDE/ Editors	Visual Studio 2017
UML Tools	Astah Professional 7.0 LucidChart Microsoft Visio 2016 Draw.io
DBMS	Microsoft SQL Server 2012
Project Management Tools	Trello Microsoft Project 2016
Documentation Tools	Microsoft Office 2016
Process model	Waterfall Software Process Model
Communication Tools	Gmail Facebook Messenger Skype Google Meet
File management tools	Google Drive
Mockup Tools	Moqups
Support Services	Google G Suite Google Apps Script Google Sheets Google Forms

Table 5. Tools and techniques

6.2. *Conventions* 規約

Coding conventions コーディング規約

- Files and Folders Naming Convention: use pascal case for folders and camel case for files
- C# Coding Conventions: follow official C# Coding Convention in <https://docs.microsoft.com/en-us/dotnet/csharp/programming-guide/inside-a-program/coding-conventions>
- JavaScript Coding Conventions: follow standard JavaScript Coding Convention in <https://standardjs.com/rules.html>

Document conventions ドキュメント規約

Main Section Titles

- Font: Times New Roman
- Face: Bold
- Size: 24

Sub-section Titles

- Font: Times New Roman
- Face: Bold
- Size: 18

Other Text Explanations

- Font: Times New Roman
- Face: Normal
- Size: 12

Filename Conventions ファイルの命名規則

We are naming files follow this convention: SEC_filename (_vx.x_EN(JP) if needed).

7. Risk management リスク管理

The project manager works with the project team and guarantees that risks are actively identified, analyzed, and controlled throughout the life of the project. Risks will be identified as early as possible in the project so as to minimize their impact. The steps for achieving this are described in the following sections. The project manager will serve as the Risk Manager for this project.

7.1 Risk register リスク登録

No	Description	Avoidance Plan	Contingency Plan	Probability	Impact

R1	Project Team doesn't meet deadline	Make rules and penalties for member who misses deadline	Work overtime to complete tasks	High	High
R2	Conflict among team members	Each member works independent to avoid conflicts When there are 2 or more member working on the same task, the leader, project manager, supervisor's decision is final	Project Manager must find out the root cause of the conflict and resolve it	High	Medium
R3	Lack of knowledge about technology used in project	Each member must study the technology used in project	Technical Leader must support members for them to increase skill and knowledge	Low	Medium
R4	Absence of team members	Provide detailed schedule in advance	Find another time to meet or work overtime	Medium	High
R5	Misunderstanding requirements, design, tests	Write documents clearly and in detail, simple to understand	Leaders clear up confusion by directly explaining	Low	High

Table 6. Risk registers

7.2. Probability – Impact matrix 確率- インパクトマトリックス

Probability	High	R5	R2	R1
	Medium			R4
	Low		R3	
	Low	Medium	High	
Impact				

Table 7. The probability and impact matrix

The probability and impact of occurrence for each identified risk will be assessed by the project manager, with input from the project team using the following approach:

- Probability:
 - i. High – Greater than <70%> probability of occurrence.
 - ii. Medium – Between <30%> and <70%> probability of occurrence.
 - iii. Low – Below <30%> probability of occurrence.
- Impact:
 - i. High – Risk that has the potential to greatly impact project cost, project schedule or performance.
 - ii. Medium – Risk that has the potential to slightly impact project cost, project schedule or performance.
 - iii. Low – Risk that has relatively little impact on cost, schedule or performance.

Chapter 3: Software requirement specification

1. Purpose 目的

This chapter outlines functional and non-functional requirements of our system. It also provides some format constraints in common requirements and project success criteria. The content of this chapter is used as the basis for the work in the subsequent chapters.

2. Functional requirement 機能要求

2.1. Use case diagram ユースケース図

The figure below is display our usecase that will be had in this project, and it is display on usecase diagram.

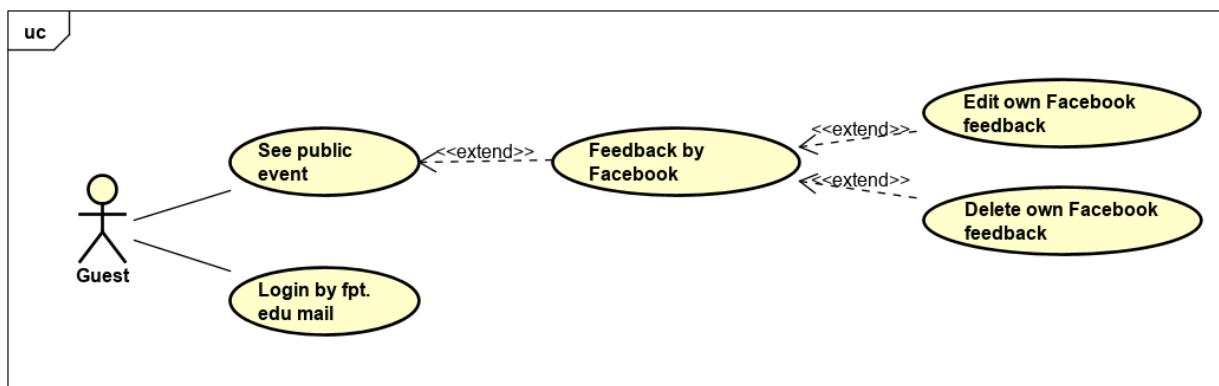


Figure 13. Guest's usecase

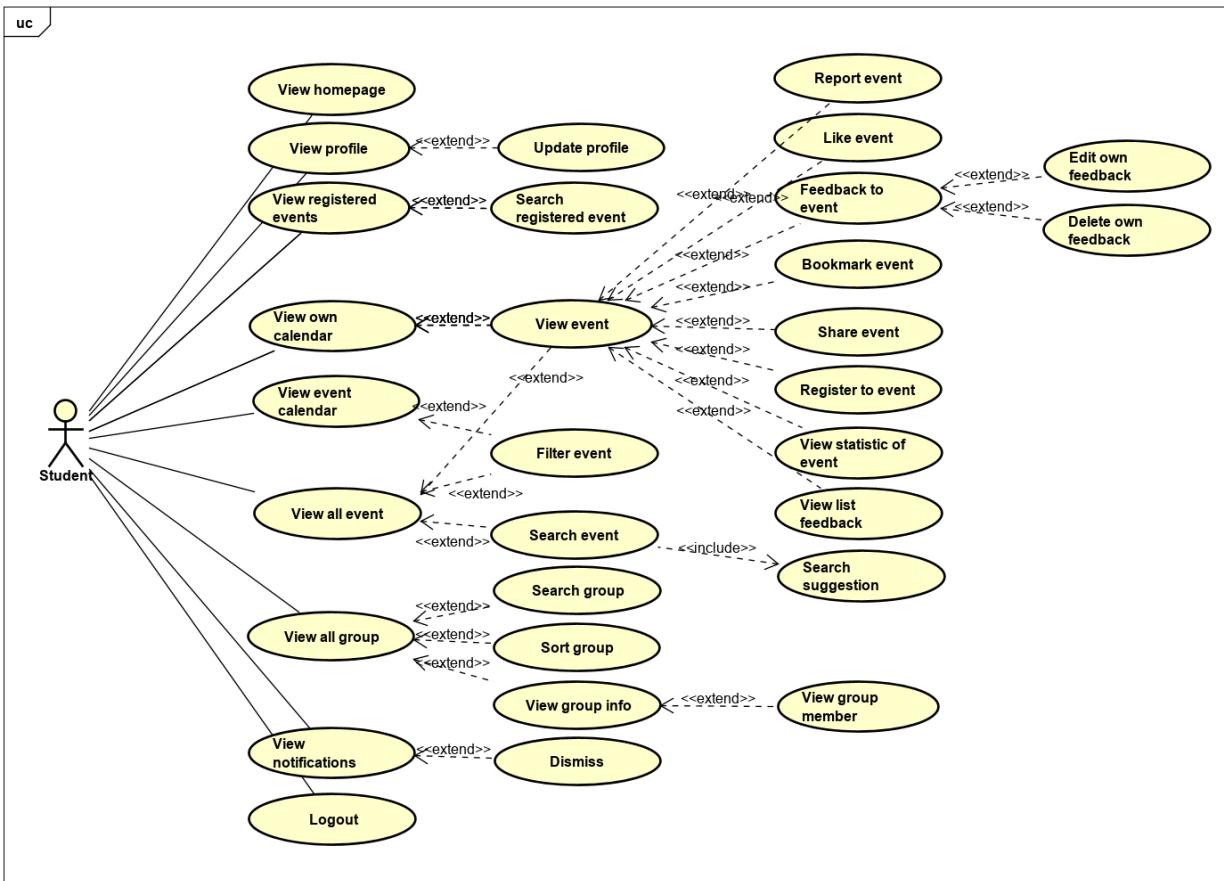


Figure 14. Student's usecase



Figure 15. Organizer's usecase

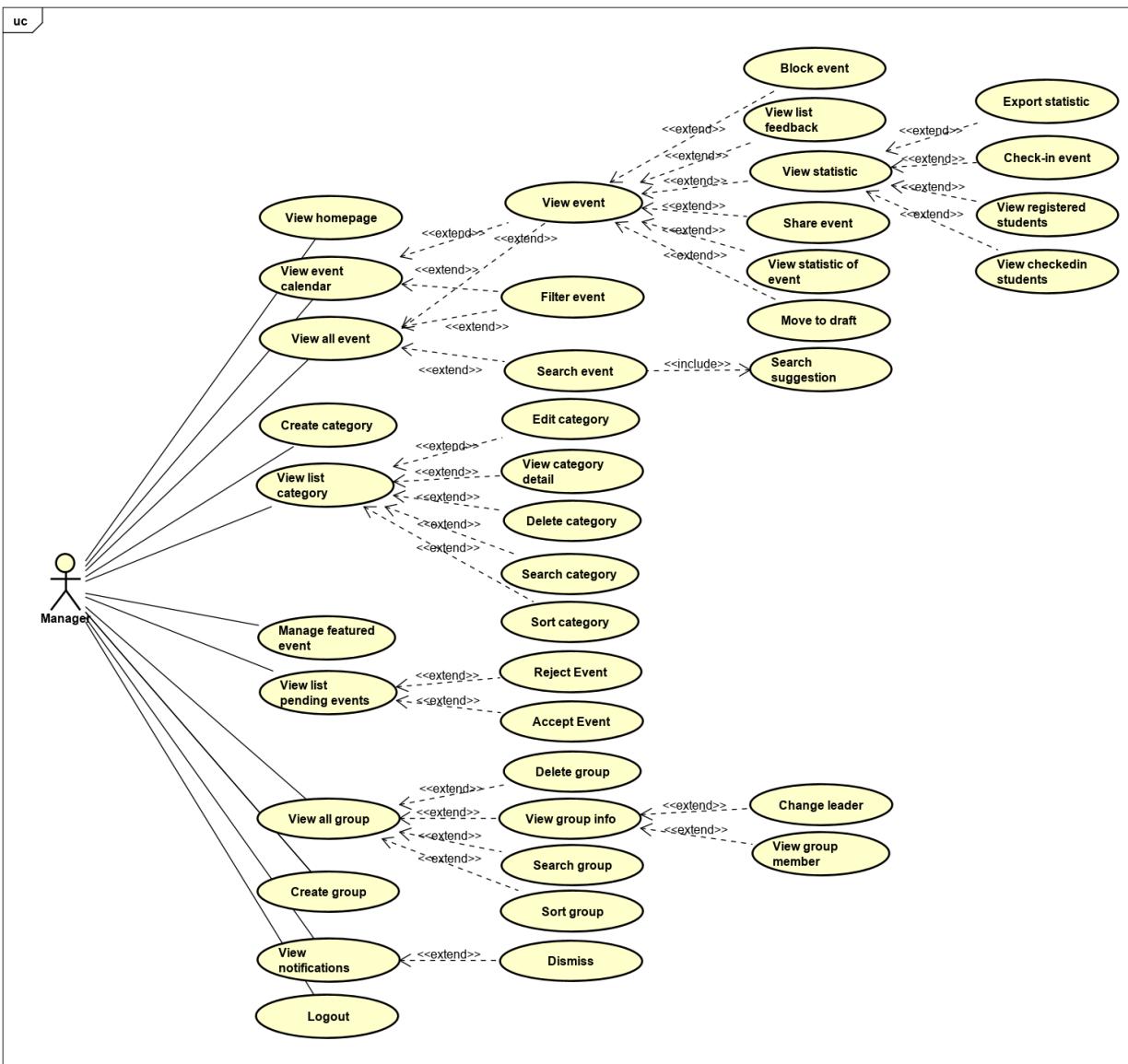


Figure 16. Manager's usecase

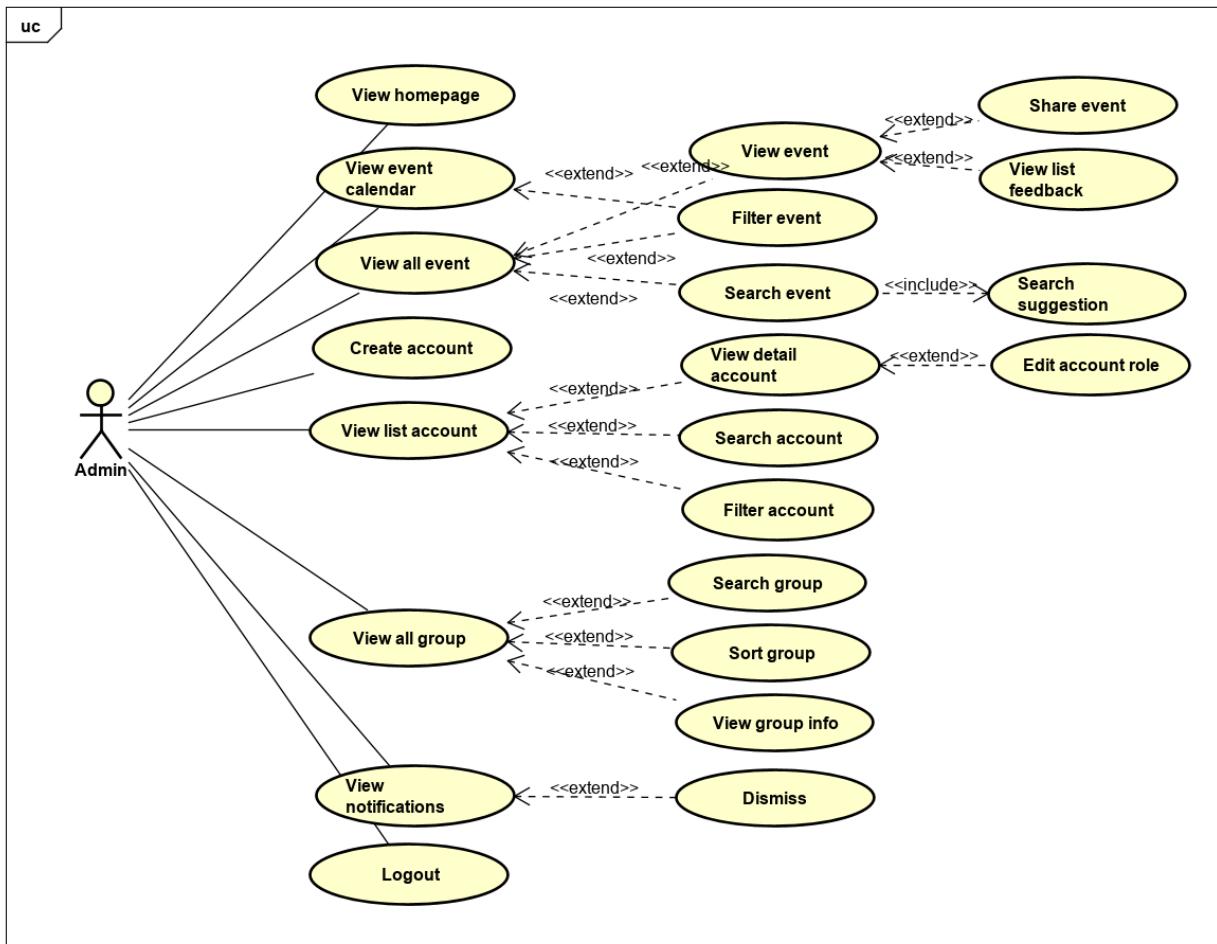


Figure 17. Admin's usecase

2.2. Use case actors ユースケースアクター

Actor	Description
Guest	Everyone who does not log into the SEC system.
Student	<p>Students who are studying in FPT University can quickly capture information about events happening in the school by viewing details of the event: time, location, event content, event type, participation fees, special notes of the event. They can also register to participate in the event, save or mark events in the personal calendar. After the event, students can give a score to the event and give feedback on the event attended.</p> <p>In addition, students can interact with events through sharing to Facebook or feedback, report the event. Students can also monitor their own event attendance</p>

	through a personal calendar (in the form of a weekly schedule) and see their profile of extracurricular activities.
Organizer	The organizer is who can represent the student or club organization or the staff of the departments who wish to create new events at FPT University. These are the users that can create events. This user will be granted permission to create the event and after the event is created by the club's chairman, the event is not public in the system but goes to "pending" status. For event creation, chairman is the one who provides the full information of the event: time, location, number of participants, event content, event type, event guests, rules participation fees, other special notes of the event.
Manager	<p>The manager is the users with the right to decide whether an event can go public.</p> <p>They are officials of event organizers, depending on the type of event that each department can accept or reject events that are being requested from the Organizer role. After being "accepted", the event will be readable for all students.</p> <p>Managers can keep track of all event information as well as information about event participants. This information will be presented in tables and statistics so that they can quickly grasp existing problems.</p>
Administrator	Administrators have a role in managing all accounts. Admin can view all but cannot modify any information.

Table 8. Actor description

2.3. Use Cases List ユースケースリスト

Module	ID	Name	Actor
Authentication	UC-1.01	Login by @fpt.edu.vn mail	Guest
	UC-1.02	Logout	Guest
	UC-1.03	View public event	Guest
	UC-1.04	Feedback by Facebook account	Guest, Student, Organizer, Manager, Admin
	UC-1.05	Edit own Facebook feedback	Guest, Student, Organizer, Manager, Admin
	UC-1.06	Delete own Facebook feedback	Guest, Student, Organizer, Manager, Admin
View Homepage	UC-2.01	View Homepage	Student

Manage your account	UC-3.01	View profile	Student, Organizer
	UC-3.02	Update profile	Student, Organizer
	UC-3.03	Change avatar	Student, Organizer
View event	UC-4.01	View registered events	Student
	UC-4.02	Search registered event	Student
	UC-4.03	View own calendar	Student
	UC-4.04	View event calendar	Student, Organizer, Manager, Admin
	UC-4.05	View all events	Student, Organizer, Manager, Admin
	UC-4.06	Search event	Student, Organizer, Manager, Admin
	UC-4.07	Filter event	Student, Organizer, Manager, Admin
	UC-4.08	Search suggestion	Student, Organizer, Manager, Admin
	UC-4.09	View event	Student, Organizer, Manager, Admin
	UC-4.10	View list feedback	Student, Organizer, Manager, Admin
	UC-4.11	Feedback event	Student
	UC-4.12	Delete own feedback	Student
	UC-4.13	Edit own feedback	Student
	UC-4.14	Bookmark event	Student
	UC-4.15	Share event	Student
	UC-4.16	Register to event	Student
	UC-4.17	Report event	Student
Manage your event	UC-5.01	Create event	Organizer
	UC-5.02	Create form	Organizer
	UC-5.03	Edit form	Organizer
	UC-5.04	Clear form	Organizer
	UC-5.05	Save draft	Organizer
	UC-5.06	View list drafts	Organizer
	UC-5.07	Edit draft	Organizer
	UC-5.08	Delete draft	Organizer
	UC-5.09	View your pending events	Organizer

	UC-5.10	Cancel event	Organizer
	UC-5.11	Move to draft	Organizer
	UC-5.12	View your events	Organizer
	UC-5.13	View statistic	Organizer, Manager
	UC-5.14	Export statistic	Organizer, Manager
	UC-5.15	View event form statistics	Organizer, Manager
	UC-5.16	Check-in event	Organizer
	UC-5.17	View registered students	Organizer, Manager
	UC-5.18	View checked-in students	Organizer, Manager
Manage category	UC-6.01	Create category	Manager
	UC-6.02	View list category	Manager
	UC-6.03	Edit category	Manager
	UC-6.04	Delete category	Manager
	UC-6.05	Search category	Manager
	UC-6.06	Sort category	Manager
Manage event	UC-7.01	Make event featured	Manager
	UC-7.02	View list pending events	Manager
	UC-7.03	Search pending event	Manager
	UC-7.04	Accept event	Manager
	UC-7.05	Reject event	Manager
	UC-7.06	View event report	Manager
	UC-7.07	Sort report	Manager
	UC-7.08	Search report	Manager
	UC-7.09	Block event	Manager
	UC-7.10	Dismiss event	Manager
Manage account	UC-8.01	View list account	Admin
	UC-8.02	View detail account	Admin
	UC-8.03	Edit account role	Admin

	UC-8.04	Search account	Admin
	UC-8.05	Filter account	Admin
	UC-8.06	Create account	Admin
Manage group	UC-9.01	View list group	Student, Organizer, Manager, Admin
	UC-9.02	Search group	Student, Organizer, Manager, Admin
	UC-9.03	Sort group	Student, Organizer, Manager, Admin
	UC-9.04	View group information	Student, Organizer, Manager, Admin
	UC-9.05	View group member	Student, Organizer, Manager, Admin
	UC-9.06	Search member	Student, Organizer, Manager, Admin
	UC-9.07	Sort member	Student, Organizer, Manager, Admin
	UC-9.08	Add member to group	Organizer
	UC-9.09	Remove member	Organizer
	UC-9.10	Edit information of group	Organizer
	UC-9.11	Create group	Manager
	UC-9.12	Change leader	Manager
	UC-9.13	Delete group	Manager
Manage notifications	UC-10.01	Show notifications	Student, Organizer, Manager, Admin

Table 9. Use case list table

2.4. Use Cases Detail ユースケース詳細

2.4.1. Authentication 認証

2.4.1.1. Log in ログイン

Use Case Specification

Use case ID:	UC-1.01	Use case name:	Login by @fpt.edu.vn mail
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Guest	Secondary actors:	N/A
Description:	Perform authentication for every kinds of user.		

Pre-conditions:	User has not logged in to SEC system.
Post-conditions:	User logged in with his/her account, role of user will be displayed in the top menu and the system redirects user to the Homepage screen depending on the role of user.
Main flow:	<ol style="list-style-type: none"> 1. User visits <i>Login Screen</i> of SEC website 2. System displays the <i>Login screen</i> of SEC website. 3. User clicks “Login” button. 4. System redirects to Google mail system to verify @fpt.edu.vn email of user. 5. User logs into Google mail system by @fpt.edu.vn email. 6. System redirects user to the Homepage screen depending on the role(s) of the user.
Extension flow:	<p>Extension flow 1:</p> <ol style="list-style-type: none"> 1. User inputs data in step 3, the input breaks one or some of business rules. 2. System displays error message(s) on the login form. <p>Extension flow 2:</p> <ol style="list-style-type: none"> 1. User logs in with invalid email. 2. System displays error message on the login form.
Exception flow:	N/A
Priority:	High
Frequency of use:	High
Business rules:	Email must be @fpt.edu.vn.

2.4.1.2. *Log out* ログアウト

Use Case Specification

Use case ID:	UC-1.02	Use case name:	Log out
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	To prevent other users from stealing information.		
Pre-conditions:	User has logged into SEC system		
Post-conditions:	<ul style="list-style-type: none"> - User is logged out of the system - Browser displays Login screen - Access token will be cleared on the browser 		

Main flow:	1. User clicks on the “Logout” button on the top right of the menu header. 2. System clears the access token on the browser and displays Login screen.
Extension flow:	N/A
Exception flow:	N/A
Priority:	High
Frequency of use:	High
Business rules:	N/A

2.4.1.3. *View public event* 公開イベントの閲覧

Use Case Specification

Use case ID:	UC-1.03	Use case name:	View public event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	View the information of public events on SEC system without logging in.		
Pre-conditions:	User receives the link of public event.		
Post-conditions:	User can access all the information of the public event.		
Main flow:	1. Guest clicks to a link of a public event on Internet. 2. System displays all the information of that event, it includes: event name, cover image, event status, event description, place, fee (if have), target participants, register close time, organizer (who is responsible for organizing the event), group (a team in charge of organizing), organizing time, category of event, rating of event, feedback of event		
Extension flow:	Extension flow 1: 1. Guest clicks to a link of a non-public event. 2. System redirects user to Login screen.		
Exception flow:	N/A		
Priority:	Low		
Frequency of use:	Low		
Business rules:	N/A		

2.4.1.4. *Feedback by Facebook account* フェイスブックのアカウントによるフィードバック

Use Case Specification

Use case ID:	UC-1.04	Use case name:	Feedback by Facebook account
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	With public events, users will be able to access <i>View event detail screen</i> and give feedback, interact with the event through logging in with Facebook.		
Pre-conditions:	User is at “ <i>View event detail</i> ” screen without logging in.		
Post-conditions:	Feedback of users will display on the “ <i>View event detail</i> ” screen.		
Main flow:	<ol style="list-style-type: none"> At the <i>Feedback area of View event detail screen</i>, system shows “<i>Login in With Facebook</i>” button and “<i>Login with Google mail</i>” button. User clicks to “<i>Login in With Facebook</i>” button. System shows Facebook login form. User fills in log-in form of Facebook to feedback. System verifies account and show button <i>Send your feedback</i> with the request: “You haven’t written anything yet, want to make some?” User clicks “<i>Send your feedback</i>” button and fill in the form of feedback, rate for the event and clicks “<i>Save changes</i>” button. System updates the information of the new feedback of user at the top of the list feedback of the event. 		
Extension flow:	<p>Extension flow 1: If user is already logged-in Facebook successfully before clicking the link of public event.</p> <ol style="list-style-type: none"> At the Feedback area of View event detail screen, system shows “<i>Continues as ...</i>” button and “<i>Login with Google mail</i>” button. User clicks to “<i>Continue as...</i>” button. System verifies account and show button <i>Send your feedback</i> with the request: “You haven’t written anything yet, want to make some?” User clicks “<i>Send your feedback</i>” button and fill in the form of feedback, rate for the event and clicks “<i>Save changes</i>” button. System updates the information of the new feedback of user at the top of the list feedback of the event. <p>Extension flow 2:</p> <ol style="list-style-type: none"> At the step 6 of main flow, user clicks “<i>Send your feedback</i>” button and fill in the form of feedback, rate for the event and clicks “<i>Cancel</i>” button. System return to “<i>View event detail</i>” screen without add anything. 		

	<p>Extension flow 3: If user is FPTU student or officer and wants to login by @fpt.edu.vn mail.</p> <ol style="list-style-type: none"> At step 2 of main flow, user clicks to “<i>Login with Google mail</i>” button. System shows Google login form. User fills in log-in form of Google. System verifies information and redirect user to View event detail screen. The flow will go to UC-4.10. <p>Extension flow 4:</p> <ol style="list-style-type: none"> Guest inputs data in step 6 violates one or some of business rules. System displays error message(s) on the feedback form.
Exception flow:	N/A
Priority:	Low
Frequency of use:	Low
Business rules:	<ul style="list-style-type: none"> - The content of feedback must not be null

2.4.1.5. *Edit own Facebook feedback* 所有するフェイスブックフィードバックの編集

Use Case Specification

Use case ID:	UC-1.05	Use case name:	Edit own Facebook feedback
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin, Guest	Secondary actors:	N/A
Description:	User can edit own feedback of the event by logging in Facebook account.		
Pre-conditions:	User is at “ <i>View event detail</i> ” screen without logging in. User have already feedbacked.		
Post-conditions:	User update own feedback successfully.		
Main flow:	<ol style="list-style-type: none"> User clicks “<i>Update</i>” button. System shows the feedback box includes these fields: cover of event, event name, feedback textarea, the vote bar (5 stars), “<i>Close</i>” button, “<i>Save changes</i>” button. User changes the content of feedback, rate (again) the event and clicks “<i>Save changes</i>” button. System updates the information of the feedback. 		
Extension flow:	<p>Extension flow 1:</p> <ol style="list-style-type: none"> At step 3 of main flow, User clicks “<i>Cancel</i>” button. Systems show “<i>View event detail</i>” without changing anything. 		

	Extension flow 2: 1. User inputs data in step 3 violates one or some of business rules. 2. System displays error message(s) on the feedback form.
Exception flow:	N/A
Priority:	Low
Frequency of use:	Low
Business rules:	The content of feedback must not be null

2.4.1.6. Delete own Facebook feedback 所有するフェイスブックフィードバックの削除

Use Case Specification

Use case ID:	UC-1.06	Use case name:	Delete own Facebook feedback
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin, Guest	Secondary actors:	N/A
Description:	User can edit own feedback of the event by logging in Facebook account. User have already feedbacked.		
Pre-conditions:	User has logged into SEC system and in “View event detail” screen		
Post-conditions:	User delete own feedback successfully.		
Main flow:	1. User clicks “Delete” button. 2. System shows confirmation box. 3. User clicks “Yes” button. 4. System deletes the current feedback of user.		
Extension flow:	Extension flow 1: 1. At step 3 of main flow, User clicks “Cancel” button. 2. Systems show “View event detail” without changing anything.		
Exception flow:	N/A		
Priority:	Low		
Frequency of use:	Low		
Business rules:	N/A		

2.4.2. View Homepage ホームページ閲覧

2.4.2.1. View homepage ホームページ閲覧

Use Case Specification

Use case ID:	UC-2.01	Use case name:	View Homepage
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	All the services that serve user in extracurricular activities and keep track the calendar.		
Pre-conditions:	User has logged into SEC website.		
Post-conditions:	“ <i>Homepage</i> ” screen will be shown.		
Main flow:	<p>Main flow 1: Role Student</p> <ol style="list-style-type: none"> Student logs in SEC system successfully. System displays “<i>Student Homepage</i>” screen with the options below: <ul style="list-style-type: none"> - <i>View events</i> <ul style="list-style-type: none"> View university event calendar (UC 4.04) View your event calendar (UC 4.03) View all events (UC 4.05) View registered events (UC 4.01) - <i>Manage your account</i> <ul style="list-style-type: none"> Manage your profile (UC-3.01) - <i>View groups</i> <ul style="list-style-type: none"> View all groups (UC-9.01) <p>Above the menu of options, the featured event bar which includes floating events in the current time that are managed by the manager (related to UC-7.01) is showing up.</p>		
Main flow:	<p>Main flow 2: Role Organizer</p> <ol style="list-style-type: none"> Organizer logs in SEC system successfully. System displays “<i>Organizer Homepage</i>” screen with the options below: <ul style="list-style-type: none"> - <i>Manage your events</i> <ul style="list-style-type: none"> Create event (UC 5.01) View all your events (UC 5.12) View your draft events (UC 5.06) View your pending events (UC 5.09) - <i>Manage your account</i> <ul style="list-style-type: none"> Manage your profile (UC-3.01) - <i>View groups</i> <ul style="list-style-type: none"> View all groups (UC-9.01) - <i>View events</i> <ul style="list-style-type: none"> View all events (UC-4.05) View university event calendar (UC-4.03) 		

	<p>Above the menu of options, the events of the organizer which have status is happening in the current time (related to UC-5.12) is showing up.</p> <p>Main flow 3: Manager Organizer</p> <ol style="list-style-type: none"> 1. Manager logs in SEC system successfully. 2. System displays “<i>Manager Homepage</i>” screen with the options below: <ul style="list-style-type: none"> - <i>Manage events</i> <ul style="list-style-type: none"> View all events (UC-4.05) View university event calendar (UC-4.03) Manage pending events (UC-7.02) View all reports (UC-7.03) - <i>Manage categories</i> <ul style="list-style-type: none"> View all categories (UC-6.02) Create category (UC-6.01) - <i>Manage groups</i> <ul style="list-style-type: none"> View all groups (UC-9.01) <p>Main flow 4: Role Admin</p> <ol style="list-style-type: none"> 1. Admin logs in SEC system successfully. 2. System displays “<i>Admin Homepage</i>” screen with the options below: <ul style="list-style-type: none"> - <i>Manage account</i> <ul style="list-style-type: none"> View all accounts (UC-8.01) Create account (UC-8.06) - <i>View events</i> <ul style="list-style-type: none"> View all events (UC-4.05) View university event calendar (UC-4.03) - <i>View groups</i> <ul style="list-style-type: none"> View all groups (UC-9.01)
Extension flow:	N/A
Exception flow:	N/A
Priority:	High
Frequency of use:	High
Business rules:	N/A

2.4.3. Manage your account アカウント管理

2.4.3.1. View profile プロファイル閲覧

Use Case Specification

Use case ID:	UC-3.01	Use case name:	View profile
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer	Secondary actors:	N/A
Description:	Student and see own profile to update the information includes avatar, name, major,... These information could be used to fill in event registration form. Some information in profile of Organizer can be accessed by students/officers in FPT University in order to contact.		
Pre-conditions:	Student/ Organizer has logged into SEC website.		
Post-conditions:	“View Profile” screen will be shown.		
Main flow:	1. User clicks “Manage your profile” button on Home screen. 2. System shows “View Profile” screen which includes: Avatar of student/ organizer and “Upload Image” button to change another image, first name, last name, phone, dob, roll number, campus, major, specialization, recent events (if organizer).		
Extension flow:	N/A		
Exception flow:	Exception flow 1: System cannot communicate with API server. At step 2, system displays error message.		
Priority:	Medium		
Frequency of use:	High		
Business rules:	N/A		

2.4.3.2. Update profile プロファイル編集

Use Case Specification

Use case ID:	UC-3.02	Use case name:	Update profile
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer	Secondary actors:	N/A

Description:	Student and organizer can update their profile information
Pre-conditions:	Student/ Organizer is at “View Profile” screen.
Post-conditions:	The information of user profile will be saved and updated to “View Profile” screen.
Main flow:	<ol style="list-style-type: none"> User changes information of the profile and clicks “Edit” button. System updates information of user’s profile in database and shows new profile to user.
Extension flow:	Extension flow 1: <ol style="list-style-type: none"> User inputs data in step 1 violates one or some of business rules. System displays error message(s) on the feedback form.
Exception flow:	N/A
Priority:	Medium
Frequency of use:	High
Business rules:	<ul style="list-style-type: none"> The First name field is required. The Last name field is required. The Phone field is required. The phone field must be a valid number of telephone

2.4.4. View event イベント閲覧

2.4.4.1. View registered event 登録済みイベント閲覧

Use Case Specification

Use case ID:	UC-4.01	Use case name:	View registered event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student	Secondary actors:	N/A
Description:	Students can see all the event that they did register before to manage their time schedule and keep track in participating events they have registered.		
Pre-conditions:	Student has logged into SEC website.		
Post-conditions:	“View registered event” screen will be shown.		
Main flow:	<ol style="list-style-type: none"> Student clicks “View registered events” button at the home menu. System show list of events that student have registered. 		
Extension flow:	N/A		
Exception flow:	N/A		
Priority:	High		

Frequency of use:	Medium
Business rules:	N/A

2.4.4.2. *Search registered event* 登録済みイベント検索

Use Case Specification

Use case ID:	UC-4.02	Use case name:	Search registered event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student	Secondary actors:	N/A
Description:	Students can search events in the list of events which they have registered.		
Pre-conditions:	Student has logged into SEC website.		
Post-conditions:	“View registered event” screen will be shown.		
Main flow:	1. Student clicks “View registered events” button at the home menu. 2. System show list of events that student have registered. 3. Student fills in Search form with event name, choose <i>Status of event</i> (<i>All</i> <i>Opening and Happening</i> <i>Opening</i> <i>Happening</i> <i>Closed</i>). After that, student clicks “Search” button. 4. System shows appropriate results through search input box and status filter.		
Extension flow:	1. Instead of clicking “Search” button, student Enter at step 3 after filling Search input box. 2. System still shows appropriate results.		
Exception flow:	N/A		
Priority:	High		
Frequency of use:	Medium		
Business rules:	N/A		

2.4.4.3. *View own calendar* 個人用イベントカレンダー閲覧

Use Case Specification

Use case ID:	UC-4.03	Use case name:	View own calendar
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student	Secondary actors:	N/A

Description:	Students can see all events that they registered or bookmarked before. Besides, they can keep track all the school & exam schedule.
Pre-conditions:	Student has logged into SEC website.
Post-conditions:	“View your event calendar” screen will be shown.
Main flow:	<ol style="list-style-type: none"> 1. Student clicks to “View your event calendar” button at the home menu. 2. System shows “View your event calendar” screen with these parts: <ul style="list-style-type: none"> - Week calendar from Monday to Sunday, which divided into time zones by day and the calendar shows these events which are bookmarked or registered as well as school & exam schedule will be shown on this calendar. Student can see the information of the event through clicking directly to the event on the calendar. - “Previous Week” button: click this to show the previous week - “Next Week” button: click this to show the next week - Between both “Previous Week” & “Next Week” is a box which shows the current day and student can choose another day to move into another week (which includes that day)
Extension flow:	N/A
Exception flow:	Exception flow 1: System cannot communicate with API server. At step 2, system doesn't display school & exam schedule.
Priority:	High
Frequency of use:	High
Business rules:	N/A

2.4.4.4. View event calendar イベントカレンダー閲覧

Use Case Specification

Use case ID:	UC-4.04	Use case name:	View event calendar
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can see all events which have been organized in FPT University.		
Pre-conditions:	User has logged into SEC website.		
Post-conditions:	“View university event calendar” screen will be shown.		

Main flow:	<ol style="list-style-type: none"> 1. User clicks to “View university event calendar” button at the home menu. 2. System shows “View university event calendar” screen with these parts: <ul style="list-style-type: none"> - Week calendar from Monday to Sunday, which divided into time zones by day and the calendar shows these events which have been organized in FPT University. - “Previous Week” button: click this to show the previous week - “Next Week” button: click this to show the next week - Between both “Previous Week” & “Next Week” is a box which shows the current day and student can choose another day to move into another week (which includes that day) - “Filter” button: Click this button, a filter box will show up to user to find out suitable events.
Extension flow:	N/A
Exception flow:	N/A
Priority:	High
Frequency of use:	High
Business rules:	N/A

2.4.4.5. *View all events* 全イベントの閲覧

Use Case Specification

Use case ID:	UC-4.08	Use case name:	View all events
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can see all the event which have been organized in FPT University.		
Pre-conditions:	User has logged into SEC website.		
Post-conditions:	“View all events” screen will be shown up.		
Main flow:	<ol style="list-style-type: none"> 1. User clicks to “View all events” button at the home menu. 2. System show “View all events” screen with these parts: <ul style="list-style-type: none"> - <i>View all events</i> label - Search and filter form which includes: search input which allows user to find name of events; filter part includes <i>Category, Organized by, Status (Opening and Happening </i> 		

	<p><i>Opening Happening Closed), Range and Display (by Grid or List). And “Search” button.</i></p> <ul style="list-style-type: none"> - List of event will be shown up follow by search and filter. The properties of an event are: Cover of event, event name, sum up description, status of event, open date & end date, organizing place, organizer and “View event” button, “Register” button (in case these event have application form opened)
Extension flow:	N/A
Exception flow:	N/A
Priority:	High
Frequency of use:	High
Business rules:	N/A

2.4.4.6. *Search event* イベント検索

Use Case Specification

Use case ID:	UC-4.06	Use case name:	Search event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	Users can see all events which have been organized in FPT University and suitable for their desire.		
Pre-conditions:	User has logged into SEC website.		
Post-conditions:	The appropriate events in “View all events” screen will be shown up.		
Main flow:	<ol style="list-style-type: none"> 1. User clicks to “View all events” button at the home menu. 2. System shows “View all events” screen. 3. User fills an event name in <i>Event name</i> input box and clicks “Search” button. 4. System shows appropriate results for users. (The results will be affected by the Filter bar which related to UC-4.06) 		
Extension flow:	N/A		
Exception flow:	N/A		
Priority:	High		
Frequency of use:	High		

Business rules:	N/A
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2.4.4.7. Filter event イベント絞り込み

Use Case Specification

Use case ID:	UC-4.07	Use case name:	Filter event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	Users can see all events which have been organized in FPT University and suitable for their desire.		
Pre-conditions:	User has logged into SEC website.		
Post-conditions:	Appropriate events will be shown.		
Main flow:	<ol style="list-style-type: none"> 1. User clicks to “View university event calendar” button at the home menu. 2. System shows “View university event calendar” screen. 3. User clicks “Filter” button. 4. System shows Filter box includes <i>Category</i> field and <i>Organized by</i> field. 5. User chooses category, organizer/ group to filter and clicks “Filter” button. 6. System shows appropriate calendar for users. 		
Extension flow:	<p>Extension flow 1: User wants to filter events at “View all events” screen.</p> <ol style="list-style-type: none"> 1. User clicks to “View all events” button at the home menu. 2. System shows “View all events” screen. 3. User chooses category of events, organizer or group which organized events, status of events (<i>Opening and Happening</i> <i>Opening</i> <i>Happening</i> <i>Closed</i>), Range (From day till day) and clicks “Search” button. 4. System shows appropriate events for users in the form of Grid or List. 		
Exception flow:	N/A		
Priority:	High		
Frequency of use:	High		
Business rules:	N/A		

2.4.4.8. Search suggestion おすすめ検索

Use Case Specification

Use case ID:	UC-4.08	Use case name:	Search suggestion
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	Search suggestion will help users when they use filter.		
Pre-conditions:	User has logged into SEC website and accessed to “View all events” screen.		
Post-conditions:	N/A		
Main flow:	<ol style="list-style-type: none"> 1. User clicks “Filter” button. 2. System shows Filter box includes <i>Category</i> field and <i>Organized by</i> field. 3. User clicks to <i>Category</i> or <i>Organized by</i> box, and types some words. 4. System shows appropriate suggestions for user. 5. User clicks to one of suggestions to filter and clicks “Search” button. 6. System shows appropriate results for user. 		
Extension flow:	<p>Extension flow 1: The words user want to filter in <i>Category</i> or <i>Organized by</i> are not in database so system can't suggest to user.</p> <ol style="list-style-type: none"> 1. At step 3, user types some words which are not in DB of system. 2. System shows the choice “All categories” or “All organizers and groups” for user to choose. 		
Exception flow:	N/A		
Priority:	High		
Frequency of use:	High		
Business rules:	N/A		

2.4.4.9. *View event detail* イベント詳細の閲覧

Use Case Specification

Use case ID:	UC-4.09	Use case name:	View event detail
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can see all the event which have been organized in FPT University.		
Pre-conditions:	User has logged into SEC website.		

Post-conditions:	“View all events” screen will be shown up.
Main flow:	<ol style="list-style-type: none"> 1. User clicks to “View all events” button at the home menu. 2. System shows “View all events” (UC-4.08) screen. 3. User clicks to one of events in “View all events” screen. 4. Systsem shows “View event detail” screen which includes these parts: <ul style="list-style-type: none"> - Event name label - Event information includes: time, organizing place, status of event, fee, rating, number of people will go to this event, number of sharing, event description, oraganizer and groups, category of event - “Report” button (related to UC-4.17): to report bad content of this event - “Register” button (related to UC-4.16) - “Bookmark” button (related to UC-4.14) - “Share” button (related to UC-4.15) - Feedback list (related to UC-4.10) - Related event: list of events have the same category - Family event: list of events is organized in chain with this events.
Extension flow:	N/A
Exception flow:	N/A
Priority:	High
Frequency of use:	High
Business rules:	N/A

2.4.4.10. View list feedback フィードバック一覧の閲覧

Use Case Specification

Use case ID:	UC-4.10	Use case name:	View list feedback
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can view all the feedback of the event		
Pre-conditions:	User has logged into SEC system and in “View all events” screen		

Post-conditions:	User can view all the feedback of the event.
Main flow:	<p>1. User clicks to one of events in “View all events” screen.</p> <p>2. System shows “View event detail” screen, at the end of page is “List of feedback” part. It includes list of feedback, each field includes these properties:</p> <ul style="list-style-type: none"> - Name of students or guest - Title of feedback - Content of feedback: Text area - Hyperlink “Report this”
Extension flow:	<p>Extension flow 1: At step 2, if the event hasn't had any feedback yet, in the “List of feedback” part system shows: “No body hasn't feedback yet”</p> <p>Extension flow 2: At step 2, if user haven't feedbacked yet, in the “List of feedback” part, system shows: “You haven't written anything yet, want to make some?” and “Send your feedback” button</p>
Exception flow:	N/A
Priority:	High
Frequency of use:	High
Business rules:	N/A

2.4.4.11. Feedback event イベントフィードバック

Use Case Specification

Use case ID:	UC-4.11	Use case name:	Feedback event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can feedback to the event		
Pre-conditions:	User has logged into SEC system and in “View event detail” screen		
Post-conditions:	User can view the new list of feedback which include his/her feedback updated in the first place.		
Main flow:	<p>1. User clicks “Send your feedback” button.</p> <p>2. System shows the feedback box includes these fields: cover of event, event name, feedback textarea, the vote bar (5 stars), “Close” button, “Save changes” button.</p>		

	<p>3. User fills in the form of feedback, rate for the event and clicks “Save changes” button.</p> <p>4. System updates the information of the new feedback of user at the top of the list feedback of the event.</p>
Extension flow:	<p>Extension flow 1:</p> <ol style="list-style-type: none"> At step 3 of main flow, User clicks “No” button. Systems show “View event detail” without changing anything. <p>Extention flow 2:</p> <ol style="list-style-type: none"> User inputs data in step 3 violates one or some of business rules. System displays error message(s) on the login form.
Exception flow:	N/A
Priority:	High
Frequency of use:	High
Business rules:	The content of feedback must not be null

2.4.4.12. Delete own feedback フィードバック削除

Use Case Specification

Use case ID:	UC-4.12	Use case name:	Delete own feedback
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can edit own feedback of the event.		
Pre-conditions:	User has logged into SEC system and in “View event detail” screen. User have already feedbacked.		
Post-conditions:	User delete own feedback successfully.		
Main flow:	<ol style="list-style-type: none"> User clicks “Delete” button. System shows confirmation box. User clicks “Yes” button. System deletes the current feedback of user. 		
Extension flow:	<p>Extension flow 1:</p> <ol style="list-style-type: none"> At step 3 of main flow, User clicks “Cancel” button. 		

	2. Systems show “View event detail” without changing anything.
Exception Flow:	N/A
Exception flow:	N/A
Priority:	Medium
Frequency of use:	High
Business rules:	N/A

2.4.4.13. Edit own feedback フィードバック編集

Use Case Specification

Use case ID:	UC-4.13	Use case name:	Edit own feedback
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can edit own feedback of the event.		
Pre-conditions:	User is at “View event detail” screen. User have already feedbacked.		
Post-conditions:	User update own feedback successfully.		
Main flow:	1. User clicks “Update” button. 2. System shows the feedback box includes these fields: cover of event, event name, feedback textarea, the vote bar (5 stars), “Close” button, “Save changes” button. 3. User changes the content of feedback, rate (again) the event and clicks “Save changes” button. 4. System updates the information of the feedback.		
Extension flow:	Extension flow 1: 1. At step 3 of main flow, User clicks “Cancel” button. 2. Systems show “View event detail” without changing anything. Extention flow 2: 1. User inputs data in step 3 violates one or some of business rules. 2. System displays error message(s) on the login form.		

Exception flow:	N/A
Priority:	Medium
Frequency of use:	High
Business rules:	The content of feedback must not be null

2.4.4.14. Bookmark event イベントブックマーク

Use Case Specification

Use case ID:	UC-4.14	Use case name:	Bookmark event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student	Secondary actors:	N/A
Description:	Student can bookmark the events so the information of event will be added to the “View your calendar” screen.		
Pre-conditions:	Student has logged into SEC system and in “View event detail” screen		
Post-conditions:	An event added to “View your calendar” screen		
Main flow:	1. Student clicks “Bookmark” button. 2. System adds the event to “View your calendar” screen and the “Bookmark” button becomes “Unbookmark” button.		
Extension flow:	Extension flow 1: If the time of the bookmark event matches the time of another event in “View your calendar” screen, systems will display a notification to mention the event coincidence in the calendar.		
Exception Flow:	N/A		
Exception flow:	N/A		
Priority:	Medium		
Frequency of use:	Medium		
Business rules:	N/A		

2.4.4.15. Share event イベントシェア

Use Case Specification

Use case ID:	UC-4.15	Use case name:	Share event
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Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student	Secondary actors:	N/A
Description:	Student can share the information of event to the Facebook		
Pre-conditions:	Student has logged into SEC system and in “View event detail” screen		
Post-conditions:	A post about the event will be posted on Facebook		
Main flow:	<ol style="list-style-type: none"> 1. Student clicks “Share” button. 2. System redirects user to Facebook, system asks user sign-in Facebook if user have not logged in before 3. Student logs in Facebook and clicks “Share post” button of Facebook 4. A new post about event has been created on Facebook. System updates the number of share. 		
Extension flow:	<p>Extension flow 1:</p> <ol style="list-style-type: none"> 1. At step 3 of main flow, Student clicks “Cancel” button. 2. Systems shows “View event detail” screen without changing anything. 		
Exception flow:	N/A		
Priority:	Medium		
Frequency of use:	Medium		
Business rules:	N/A		

2.4.4.16. Register to event イベント参加申請

Use Case Specification

Use case ID:	UC-4.16	Use case name:	Register to event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student	Secondary actors:	N/A
Description:	User can register to the event.		
Pre-conditions:	User has logged into SEC system and in “View event detail” screen		
Post-conditions:	User registers to event successfully.		
Main flow:	<ol style="list-style-type: none"> 1. User clicks “Register” button. 2. System redirects user to Google form page frames. 3. User fills in form and clicks “Submit” button. 4. System redirects user to “View event detail” screen, the “Register” button becomes “Unregister” button, the “Bookmark” button becomes 		

	“Unbookmark” button. A event will be automatically added to <i>View your calendar</i> screen of Student.
Extension flow:	<p>Extension flow 1: If the current date is later than the deadline of registering date, system will not show the “Register” button on the “View event detail” screen.</p> <p>Extension flow 2: If student has not joinin in the target group and the event that student wants to join has some target groups, system will not show the “Register” button on the “View event detail” screen.</p>
Exception flow:	N/A
Priority:	Medium
Frequency of use:	High
Business rules:	N/A

2.4.4.17. Report event イベント報告

Use Case Specification

Use case ID:	UC-4.17	Use case name:	Report event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer	Secondary actors:	N/A
Description:	Helping managers to grasp the bad content that exists.		
Pre-conditions:	User has logged into SEC system and in “View event detail” screen.		
Post-conditions:	Bad content will be sent to the manager.		
Main flow:	<ol style="list-style-type: none"> User clicks “Report” button. System shows “Report” box with the fields: <ul style="list-style-type: none"> “You’re going to report event [EventName] label Report content textarea “Close” button and “Send” button User write report content and clicks “Send” button. A report will be sent to Manager. A message shows up: “Your report has been successfully sent.” 		
Extension flow:	<p>Extension flow 1:</p> <ol style="list-style-type: none"> At step 3 of main flow, User clicks “Cancel” button. Systems show “View event detail” without changing anything. 		
Exception flow:	N/A		
Priority:	Medium		

Frequency of use:	Medium
Business rules:	N/A

2.4.5. Manage your event 個人用イベント管理

2.4.5.1. Create event イベント作成

Use Case Specification

Use case ID:	UC-5.01	Use case name:	Create event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	This function allows organizer to create new event.		
Pre-conditions:	Organizer has logged into SEC system.		
Post-conditions:	The information is updated in the database and display in the “View event detail” screen.		
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “Create event” button at the home menu. 2. System shows “Create event” screen which includes the create event form with these fields: <ul style="list-style-type: none"> - Event cover image with “Upload Image” button to upload image. - Name: text field - Event family: text field - Event open date & Event close date: date picker - Event register close date: date picker - “Create form” button - “Public” check-box - “For organizers only” check-box - Target participants: text field - Event description: text area with editor - Category fields with “Add” button to add categories which is saved in database. - Place: text field - Fee: text field - Group: dropdown list (show the list that organizer have been participating in) - “Create” button - “Save draft” button 3. Organizer fills in the form and clicks “Create” button. 		

	<p>4. System saves information of the event and send the request to the pending list of Manager and redirects organizer to the “View event detail” screen.</p>
Extension flow:	<p>Extension flow 1:</p> <ol style="list-style-type: none"> At step 3, organizer clicks “Save draft” button, the flow will be related to UC-5.05 <p>Extention flow 2:</p> <ol style="list-style-type: none"> Organizer inputs data in step 3 violates one or some of business rules. System displays error message(s) on the create form.
Exception flow:	N/A
Priority:	High
Frequency of use:	High
Business rules:	<ul style="list-style-type: none"> - Must upload an image - The name field is required - The event open date is required - The event open time field is required - The event close date is required - The event close time field is required - The description field of event is required - The category of event field is required - The place of event field is required - The fee of event field is required - The fee of event field must be a number - The field Place must be a string with a maximum length of 100 - The fee of event field must be a money number - The participants of event field must be a string with a maximum length of 100 - The participants of event field is required - Register close time must no be null - Event register close time must be sooner than Event open time. - The field Name must be a string with a maximum length of 100. - The field Fee must be between 0 and 10000000000.

2.4.5.2. Create form フォームクリア

Use Case Specification

Use case ID:	UC-5.02	Use case name:	Create form
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	This function allows organizer to create registration form for new event.		
Pre-conditions:	Organizer has logged into SEC system and in “Create event” screen.		
Post-conditions:	A new form will be created.		
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “Create form” button. 2. System redirects organizer to new google form which have been already created, 3. Organizer edits the Google form 4. System saves the information of the registration form and change “Create form” button to “Edit form” button & “Clear Form” button. 		
Extension flow:	<p>Extension flow 1: When organizer has already created form.</p> <ol style="list-style-type: none"> 1. Organizer clicks to “Clear form” button. 2. System deletes the registration form which has been existed before. <p>Extension flow 2: When organizer has already created form.</p> <ol style="list-style-type: none"> 1. Organizer clicks to “Edit form” button. 2. System shows the registration form. 3. Organizer changes information of form. 4. System automatically saves form’s information. 		
Exception flow:	N/A		
Priority:	High		
Frequency of use:	High		
Business rules:	N/A		

2.4.5.3. *Edit form フォーム編集*

Use Case Specification

Use case ID:	UC-5.03	Use case name:	Edit form
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	This function allows organizer to edit the content of registration form for new event.		

Pre-conditions:	Organizer has logged into SEC system and in “Create event” screen. Organizer has already <i>Create Form</i> before.
Post-conditions:	Content of the registration form will be edited.
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “Edit form” button. 2. System redirects organizer to existed google form which have been already created. 3. Organizer edits the Google form 4. System automatically saves the information of the registration form.
Extension flow:	Extension flow 1: When organizer has already created form. <ol style="list-style-type: none"> 1. Organizer clicks to “Clear form” button. 2. System deletes the registration form which has been existed before.
Exception flow:	N/A
Priority:	Medium
Frequency of use:	High
Business rules:	N/A

2.4.5.4. *Clear form* フォームクリア

Use Case Specification

Use case ID:	UC-5.04	Use case name:	Clear form
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	This function allows organizer to clear all the content of registration form of new event which is creating.		
Pre-conditions:	Organizer has logged into SEC system and in “Create event” screen. Organizer has already <i>Create Form</i> before.		
Post-conditions:	Content of the registration form will be edited.		
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks to “Clear form” button. 2. System deletes the registration form which has been existed before. 		
Extension flow:	N/A		
Exception flow:	N/A		
Priority:	Medium		
Frequency of use:	Low		

Business rules:	N/A
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2.4.5.5. *Save draft* 下書き保存

Use Case Specification

Use case ID:	UC-5.05	Use case name:	Save draft
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	This function allows organizer to create new event.		
Pre-conditions:	Organizer has logged into SEC system.		
Post-conditions:	The information is updated in the database and display in the “View event detail” screen.		
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “Create event” button at the home menu. 2. System shows “Create event” screen which includes the create event form. 3. Organizer fills in the form and clicks “Save draft” button. 4. System saves information of the event and send the request to the draft list (UC-5.06) and redirects organizer to the “View event detail” screen. 		
Extension flow:	<p>Extention flow 1:</p> <ol style="list-style-type: none"> 1. Organizer inputs data in step 3 violates one or some of business rules. 2. System displays error message(s) on the create form. 		
Exception flow:	N/A		
Priority:	High		
Frequency of use:	High		
Business rules:	<ul style="list-style-type: none"> - Must upload an image - The name field is required - The event open date is required - The event open time field is required - The event close date is required - The event close time field is required - The description field of event is required - The category of event field is required - The place of event field is required - The fee of event field is required - The fee of event field must be a number 		

	<ul style="list-style-type: none"> - The field Place must be a string with a maximum length of 100 - The fee of event field must be a money number - The participants of event field must be a string with a maximum length of 100 - The participants of event field is required - Register close time must no be null - Event register close time must be sooner than Event open time. - The field Name must be a string with a maximum length of 100. - The field Fee must be between 0 and 10000000000.
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2.4.5.6. *View list drafts* 下書き一覧の閲覧

Use Case Specification

Use case ID:	UC-5.06	Use case name:	View list drafts
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	Organizer can see all the drafts of event in list to edit the content of the event before make it public.		
Pre-conditions:	Organizer has logged into the SEC system.		
Post-conditions:	Organizer can see all the draft events of his/her own.		
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “View your draft events” button at the home menu. 2. System shows “View your draft events” screen, a draft event has these properties: Event name, Updated time, “Edit draft event” button for each event. 		
Extension flow:	N/A		
Exception flow:	N/A		
Priority:	Medium		
Frequency of use:	High		
Business rules:	N/A		

2.4.5.7. *Edit draft* 下書き編集

Use Case Specification

Use case ID:	UC-5.07	Use case name:	Edit draft
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	Organizer has logged into the SEC system.		
Pre-conditions:	Organizer can edit the content of the events of his/her own.		
Post-conditions:	New event is sent to pending list of Manager		
Main flow:	<p>1. Organizer clicks “View your draft events” button at the home menu.</p> <p>2. System shows “View your draft events” screen.</p> <p>3. Organizer clicks “Edit draft event” button.</p> <p>4. System shows “Edit draft event” screen with these fields:</p> <ul style="list-style-type: none"> - Event cover image with “Upload Image” button to upload image. - Name: text field - Event family: text field - Event open date & Event close date: date picker - Event register close date: date picker - “Create form” button - “Public” check-box - “For organizers only” check-box - Target participants: text field - Maximum number of registers - Target groups - Event description: text area with editor - Category fields with “Add” button to add categories which is saved in database. - Place: text field - Fee: text field - Group: dropdown list (show the list that organizer have been participating in) - “Create” button - “Save draft” button <p>All the fields was filled in by the content of the draft event.</p> <p>5. Organizer changes information of those fields and clicks “Create” button.</p> <p>6. System saves information of the event and send the request to the pending list of Manager and redirects organizer to the “View event detail” screen.</p>		
Extension flow:	<p>Extension flow 1:</p> <p>1. At step 5, organizer clicks “Save draft”button, the flow will be related to UC-5.05</p>		

	Extention flow 2: 1. Organizer inputs data in step 3 violates one or some of business rules. 2. System displays error message(s) on the create form.
Exception flow:	N/A
Priority:	High
Frequency of use:	High
Business rules:	<ul style="list-style-type: none"> - Must upload an image - The name field is required - The event open date is required - The event open time field is required - The event close date is required - The event close time field is required - The description field of event is required - The category of event field is required - The place of event field is required - The fee of event field is required - The fee of event field must be a number - The field Place must be a string with a maximum length of 100 - The fee of event field must be a money number - The participants of event field must be a string with a maximum length of 100 - The participants of event field is required - Register close time must no be null - Event register close time must be sooner than Event open time. - The field Name must be a string with a maximum length of 100. - The field Fee must be between 0 and 10000000000.

2.4.5.8. Delete draft 下書き削除

Use Case Specification

Use case ID:	UC-5.08	Use case name:	Delete draf
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	Organizer can delete own draft of the event.		
Pre-conditions:	Organizer has logged into SEC system and in “View event detail” screen		

Post-conditions:	Organizer delete own draft of the event successfully.
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “View your draft events” button at the home menu. 2. System shows “View your draft events” screen. 3. Organizer clicks “Edit draft event” button. 4. System shows “Edit draft event” screen. 5. Organizer clicks “Delete draft” button. 6. System shows confirmation box. 7. Organizer clicks “Yes” button. 8. System deletes draft event and redirects user to “Edit draft event” screen.
Extension flow:	Extension flow 1: <ol style="list-style-type: none"> 1. At step 7 of main flow, User clicks “Cancel” button. 2. Systems show “View your draft events” without changing anything.
Exception flow:	N/A
Priority:	Medium
Frequency of use:	Medium
Business rules:	N/A

2.4.5.9. *View your pending events* 保留中イベントの閲覧

Use Case Specification

Use case ID:	UC-5.09	Use case name:	View your pending events
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	Organizer can see all the events that are waiting for Manager's approval or rejected.		
Pre-conditions:	Organizer has logged into the SEC system.		
Post-conditions:	Organizer can see all the draft events of his/her own.		
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “View your pending events” button at the home menu. 2. System shows “View your pending events” screen, a pending event has these properties: Event name, Group, Created date, Status, “Move to draft” button or “Cancel event” button for each event. <ul style="list-style-type: none"> - If an event has status of “Rejected”, “Move to draft” button will be shown up. - If an event has status of “Pending”, “Cancel event” button will be shown up. 		

Extension flow:	N/A
Exception flow:	N/A
Priority:	High
Frequency of use:	High
Business rules:	N/A

2.4.5.10. *Cancel event イベントキャンセル*

Use Case Specification

Use case ID:	UC-5.10	Use case name:	Cancel event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	Organizer can cancel their pending event.		
Pre-conditions:	Organizer has logged into the SEC system.		
Post-conditions:	The event that is waiting for Manager's approval (pending event) will be moved to draft.		
Main flow:	1. Organizer clicks “View your pending events” button at the home menu. 2. System shows “View your pending events” screen. 3. Organizer clicks “Cancel event” button. 4. System moves the cancelled event to draft lists.		
Extension flow:	N/A		
Exception flow:	N/A		
Priority:	Medium		
Frequency of use:	Low		
Business rules:	N/A		

2.4.5.11. *Move to draft 下書きへの移動*

Use Case Specification

Use case ID:	UC-5.11	Use case name:	Move to draft
Author:	DuyenNTM	Date:	10/02/2019

Primary actors:	Organizer	Secondary actors:	N/A
Description:	Organizer can move the events which was rejected by Manager to draft lists.		
Pre-conditions:	Organizer has logged into the SEC system.		
Post-conditions:	The event that is moved to draft will be moved to draft list of Organizer.		
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “View your pending events” button at the home menu. 2. System shows “View your pending events” screen. 3. Organizer clicks “Move to draft” button. 4. System moves the rejected event to draft lists. 		
Extension flow:	N/A		
Exception flow:	N/A		
Priority:	Medium		
Frequency of use:	High		
Business rules:	N/A		

2.4.5.12. *View your events* 作成したイベント閲覧

Use Case Specification

Use case ID:	UC-5.12	Use case name:	View your events
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	To help organizers to manage their event (which have been public).		
Pre-conditions:	Organizer has logged into the SEC system.		
Post-conditions:	Organizer can view all his/ her events that are Opening, Happening or Closed.		
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “View all your events” button at the home menu. 2. System shows “View all your events” screen. 		
Extension flow:	N/A		
Exception flow:	N/A		
Priority:	Medium		
Frequency of use:	High		

Business rules:	N/A
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2.4.5.13. View statistic 統計閱覽

Use Case Specification

Use case ID:	UC-5.13	Use case name:	View statistic
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer, Manager	Secondary actors:	N/A
Description:	To help users to keep track their events by seeing the event statistics.		
Pre-conditions:	User has logged into the SEC system.		
Post-conditions:	User can see all the registered students, who have been checked-in the events, the rating of the event, numbers of feedback, and others.		
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “View all your events” button at the home menu. 2. System shows “View all your events” screen. 3. Organizer clicks “View your event statistics” button 4. System shows “View your event statistics” screen which includes: <ul style="list-style-type: none"> - Name of the event - Number of registered students and “View registered students” button (UC-5.15) to see all the registered students - Number of checked-in students - The average rating of the event - Number of feedbacks - “Export your event statistics” button to export the information of the event (UC-5.13) - “View event form statistic” button to view the statistic form the registration form. - Registered Students by date - Registered Students distribution 		
Extension flow:	<p>Extension flow 1: If user is in the Role of Manager, the flow will be:</p> <ol style="list-style-type: none"> 1. Manager clicks “View all events” button at the home menu. 2. System shows “View all events” screen. 3. Manager clicks “View event statistics” button 4. System shows “View event statistics” screen which includes: <ul style="list-style-type: none"> - Name of the event - Number of registered students and “View registered students” button (UC-5.15) to see all the registered students 		

	<ul style="list-style-type: none"> - Number of checked-in students - The average rating of the event - Number of feedbacks - “<i>Export your event statistics</i>” button to export the information of the event (UC-5.13) - Registered Students by date - Registered Students distribution
Exception flow:	N/A
Priority:	Medium
Frequency of use:	High
Business rules:	N/A

2.4.5.14. *Export statistic* 統計抽出

Use Case Specification

Use case ID:	UC-5.14	Use case name:	Export statistics
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer, Manager	Secondary actors:	N/A
Description:	To help users export all the information of the event to file excel.		
Pre-conditions:	User has logged into the SEC system.		
Post-conditions:	User can see all the registered students, who have been checked-in the events, the rating of the event, numbers of feedback, and others,... in file excel		
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “<i>View all your events</i>” button at the home menu. 2. System shows “<i>View all your events</i>” screen. 3. Organizer clicks “<i>View your event statistics</i>” button of an event 4. System shows “<i>View your event statistics</i>” screen. 5. Organizer clicks “<i>Export your event statistics</i>” hyperlink. 6. System shows all the information of the event on Google excel file. 		
Extension flow:	<p>Extension flow 1:</p> <p>If user is in the Role of Manager, the flow will be:</p> <ol style="list-style-type: none"> 1. Manager clicks “<i>View all events</i>” button at the home menu. 2. System shows “<i>View all events</i>” screen. 3. Manager clicks “<i>View event statistics</i>” button 4. System shows “<i>View event statistics</i>” screen which includes: 5. Manager clicks “<i>Export event statistics</i>” hyperlink. 		

	6. System shows all the information of the event on Google excel file.
Exception flow:	N/A
Priority:	Medium
Frequency of use:	High
Business rules:	N/A

2.4.5.15. *View event form statistics* 統計フォームの閲覧

Use Case Specification

Use case ID:	UC-5.15	Use case name:	View event form statistics
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer, Manager	Secondary actors:	N/A
Description:	To help users view the statistics from the registration form		
Pre-conditions:	User has logged into the SEC system.		
Post-conditions:	User can see all the the information and statistics of users who registered to registration GG form.		
Main flow:	1. Organizer clicks “View all your events” button at the home menu. 2. System shows “View all your events” screen. 3. Organizer clicks “View your event statistics” button of an event 4. System shows “View your event statistics” screen. 5. Organizer clicks “View event form statistic” hyperlink. 6. System shows all the information of the event registration form.		
Extension flow:	Extension flow 1: If user is in the Role of Manager, the flow will be: 7. Manager clicks “View all events” button at the home menu. 8. System shows “View all events” screen. 9. Manager clicks “View event statistics” button 10. System shows “View event statistics” screen which includes: 11. Manager clicks “View event form statistic” hyperlink. 12. System shows all the information of the event registration form.		
Exception flow:	N/A		
Priority:	Medium		
Frequency of use:	High		
Business rules:	N/A		

2.4.5.16. *Check-in event イベントチェックイン*

Use Case Specification

Use case ID:	UC-5.16	Use case name:	Check-in event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	To help users keep track who join in the event.		
Pre-conditions:	User has logged into the SEC system. There is a event which has status “Happening”.		
Post-conditions:	User can see the list of registered students, and user can check in student who are present at the event.		
Main flow:	<ol style="list-style-type: none"> Organizer clicks “Manage your happening event” button at the home menu. System shows the list of registered students who have registered for an event. Organizer checks who are present and clicks “Submit” button. System updates information to the database (related to UC-5.16). 		
Extension flow:	N/A		
Exception flow:	N/A		
Priority:	Medium		
Frequency of use:	High		
Business rules:	N/A		

2.4.5.17. *View registered students 申請済み学生の閲覧*

Use Case Specification

Use case ID:	UC-5.17	Use case name:	View registered students
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer, Manager	Secondary actors:	N/A
Description:	To help organizer and manager can see all the registered students.		
Pre-conditions:	User has logged into the SEC system.		
Post-conditions:	User can see the list of registered students.		
Main flow:	<ol style="list-style-type: none"> Organizer clicks “View all your events” button at the home menu. 		

	<ol style="list-style-type: none"> 2. System shows “View all your events” screen. 3. Organizer clicks “View your event statistics” button of an event 4. System shows “View your event statistics” screen. 5. Organizer clicks “View registered students” hyperlink. 6. System shows the list of registered students. The list includes the properties: <ul style="list-style-type: none"> - Number - Registered student name - Email - Registered date
Extension flow:	<p>Extension flow 1:</p> <p>If user is in the Role of Manager, the flow will be:</p> <ol style="list-style-type: none"> 1. Manager clicks “View all events” button at the home menu. 2. System shows “View all events” screen. 3. Manager clicks “View event statistics” button of an event 4. System shows “View event statistics” screen. 5. Manager clicks “View registered students” hyperlink. 6. System shows the list of registered students. The list includes the properties: <ul style="list-style-type: none"> - Number - Registered student name - Email - Registered date
Exception flow:	N/A
Priority:	Medium
Frequency of use:	Medium
Business rules:	N/A

2.4.5.18. View checked-in students チェックイン済み学生の閲覧

Use Case Specification

Use case ID:	UC-5.18	Use case name:	View checked-in students
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer, Manager	Secondary actors:	N/A
Description:	To help organizer and manager can see all the checked-in students.		

Pre-conditions:	User has logged into the SEC system.
Post-conditions:	User can see the list of checked-in students.
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “View all your events” button at the home menu. 2. System shows “View all your events” screen. 3. Organizer clicks “View your event statistics” button of an event 4. System shows “View your event statistics” screen. 5. Organizer clicks “View checked-in students” hyperlink. 6. System shows the list of checked-in students. The list includes the properties: <ul style="list-style-type: none"> - Number - Checked-in student name - Email - Checked-in date
Extension flow:	<p>Extension flow 1:</p> <p>If user is in the Role of Manager, the flow will be:</p> <ol style="list-style-type: none"> 1. Manager clicks “View all events” button at the home menu. 2. System shows “View all events” screen. 3. Manager clicks “View event statistics” button of an event 4. System shows “View event statistics” screen. 5. Manager clicks “View checked -in students” hyperlink. 6. System shows the list of checked-in students. The list includes the properties: <ul style="list-style-type: none"> - Number - Checked-in student name - Email - Checked-in date
Exception flow:	N/A
Priority:	Medium
Frequency of use:	Medium
Business rules:	N/A

2.4.6. Manage category カテゴリー管理

2.4.6.1. Create category カテゴリー作成

Use Case Specification

Use case ID:	UC-6.01	Use case name:	Create category
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Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manage can keep track the categories of event through creating new category.		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	Manage can create new category of the event.		
Main flow:	<ol style="list-style-type: none"> 1. Manager clicks “Create category” button at menu home. 2. System shows “Create category” screen. 3. Manager fills in <i>Create category</i> form and clicks “Submit” button. 4. System saves the information of the new category and redirects manager to the new list of category. 		
Extension flow:	<p>Extension flow 1:</p> <ol style="list-style-type: none"> 1. At the step 3, instead of clicking “Submit” button, manager clicks “Back to list” button. 2. System redirects manager to the “View all categories” screen without changing anything at database. <p>Extention flow 2:</p> <ol style="list-style-type: none"> 1. Manager inputs data in step 3 violates one or some of business rules. 2. System displays error message(s) on the create form. 		
Exception flow:	N/A		
Priority:	Medium		
Frequency of use:	Low		
Business rules:	<ul style="list-style-type: none"> - The CategoryName field is required. - The field CategoryName must be a string with a maximum length of 50. 		

2.4.6.2. *View list category* カテゴリー一覧の閲覧

Use Case Specification

Use case ID:	UC-6.02	Use case name:	View
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manage can keep track the categories of event through creating new category.		

Pre-conditions:	Manage has logged into the SEC system.
Post-conditions:	Manage can create new category of the event.
Main flow:	<ol style="list-style-type: none"> 1. Manager clicks “View all categories” button at menu home. 2. System shows “View all categories” screen, a category includes these properties: <ul style="list-style-type: none"> - No - Category name - Description - Created date - Created by - “Edit” button & “Delete” button
Extension flow:	N/A
Exception flow:	N/A
Priority:	Medium
Frequency of use:	Low
Business rules:	N/A

2.4.6.3. Edit category カテゴリー編集

Use Case Specification

Use case ID:	UC-6.03	Use case name:	Edit category
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manage can keep track the categories of event through editing information of the category.		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	Manage can change the information of the event.		
Main flow:	<ol style="list-style-type: none"> 1. Manager clicks “View all categories” button at menu home. 2. System shows “View all categories” screen. 3. Manager clicks “Edit” button. 4. System shows “Edit category” screen. 5. Manager changes information of <i>Edit category</i> form and clicks “Save” button. 		

	<p>6. System saves the information of the new category and redirects manager to the new list of category.</p>
Extension flow:	<p>Extension flow 1:</p> <ol style="list-style-type: none"> At the step 5, instead of clicking “Save” button, manager clicks “<i>Back to list</i>” button. System redirects manager to the “<i>View all categories</i>” screen without changing anything at database. <p>Extention flow 2:</p> <ol style="list-style-type: none"> User inputs data in step 5 violates one or some of business rules. System displays error message(s) on the create form.
Exception flow:	N/A
Priority:	Medium
Frequency of use:	Low
Business rules:	<ul style="list-style-type: none"> - The CategoryName field is required. - The field CategoryName must be a string with a maximum length of 50.

2.4.6.4. Delete category カテゴリー削除

Use Case Specification

Use case ID:	UC-6.04	Use case name:	Delete category
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manage can keep track the categories of event through deleting information of the category.		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	Manage can delete some categories which are not suitable for system.		
Main flow:	<ol style="list-style-type: none"> Manager clicks “<i>View all categories</i>” button at menu home. System shows “<i>View all categories</i>” screen. Manager clicks “<i>Delete</i>” button. System shows confirmation box to ask if user really want to delete or not. Manager clicks “<i>Yes</i>” button. System update the information of the list of category and redirects manager to the “<i>View all categories</i>” screen. 		

Extension flow:	N/A
Exception flow:	N/A
Priority:	Medium
Frequency of use:	Low
Business rules:	N/A

2.4.6.5. *Search category* カテゴリー検索

Use Case Specification

Use case ID:	UC-6.05	Use case name:	Search category
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manage can access the information of one category in the quick way through searching.		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	Manage find out the category that he/she wants.		
Main flow:	1. Manager clicks “View all categories” button at menu home. 2. System shows “View all categories” screen. 3. Manager inputs the keyword to the “Search” box. 4. System shows “View all categories” screen with categories have the information related to the searching keyword.		
Extension flow:	N/A		
Exception flow:	N/A		
Priority:	Medium		
Frequency of use:	Low		
Business rules:	N/A		

2.4.6.6. *Sort category* カテゴリーソートの並べ替え

Use Case Specification

Use case ID:	UC-6.06	Use case name:	Sort category

Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manager can see the list of categories according to certain criteria		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	Manager can see the list of categories according to certain criteria		
Main flow:	<ol style="list-style-type: none"> 1. Manager clicks “View all categories” button at menu home. 2. System shows “View all categories” screen. 3. Manager clicks the “Sort” icon at one column to sort 4. System shows the list of categories after sorting. The sort icon changes from ASC to DESC or from DESC to ASC. 		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	Medium		
Frequency of use:	Low		
Business rules:	N/A		

2.4.7. Manage event イベント管理

2.4.7.1. Make event featured 特集イベント化

Use Case Specification

Use case ID:	UC-7.01	Use case name:	Make event featured
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manager can make an event become featured, so that students can notice about that event better.		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	An event become a featured event.		
Main flow:	<ol style="list-style-type: none"> 1. Manager clicks “Manage featured events” button at the home menu. 2. Systems shows “Manage featured events” screen. 3. Manager ticks to the check-box go with each event (which has status Openning or Happening) that he/she wants to make it become featured event. After that, manager clicks “Submit” button. 		

	4. Systems saves the information of featured event and show all the featured event on Student homepage.
Extension flow:	N/A
Exception flow:	N/A
Priority:	Medium
Frequency of use:	Low
Business rules:	N/A

2.4.7.2. *View list pending events* 保留中イベントの閲覧

Use Case Specification

Use case ID:	UC-7.02	Use case name:	View list pending event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manager can make an event become featured, so that students can notice about that event better.		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	An event become featured event.		
Main flow:	1. Manager clicks “Manage pending events” button at the home menu. 2. Systems shows “Manage pending events” screen.		
Extension flow:	N/A		
Exception flow:	N/A		
Priority:	High		
Frequency of use:	High		
Business rules:	N/A		

2.4.7.3. *Search pending event* 保留中イベントの検索

Use Case Specification

Use case ID:	UC-7.03	Use case name:	Search pending event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A

Description:	Manage can access the information of one pending event in the quick way through searching.
Pre-conditions:	Manage has logged into the SEC system.
Post-conditions:	Manage find out the pending event that he/she wants.
Main flow:	<ol style="list-style-type: none"> 1. Manager clicks “Manage pending events” button at menu home. 2. System shows “Manage pending events” screen. 3. Manager inputs the keyword to the “Search” box and clicks “Search” button. 4. System shows “Manage pending events” screen with pending events which have the information related to the searching keyword.
Extension flow:	N/A
Exception Flow:	N/A
Priority:	Medium
Frequency of use:	Medium
Business rules:	N/A

2.4.7.4. Accept event イベント申請の承認

Use Case Specification

Use case ID:	UC-7.04	Use case name:	Accept event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manage can make an event become readable by every students when he/she approve or “accept” that event.		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	An event after being accepted will change status from <i>draft</i> to <i>opening</i> and it can be read by every students.		
Main flow:	<ol style="list-style-type: none"> 1. Manager clicks “Manage pending events” button at menu home. 2. System shows “Manage pending events” screen. 3. Manager clicks “Accept event” button. 4. System makes the event going with that button change status from “<i>Draft</i>” to “<i>Opening</i>” (or Happening Closed depending on the time) and all students can see this event. 		
Extension flow:	N/A		

Exception Flow:	N/A
Priority:	Medium
Frequency of use:	Medium
Business rules:	N/A

2.4.7.5. *Reject event イベント申請の拒否*

Use Case Specification

Use case ID:	UC-7.05	Use case name:	Reject event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manage can reject the event which is not qualified.		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	An event after being rejected will change status from <i>draft</i> to <i>rejected</i> and it will be taken to the draft list of the organizer		
Main flow:	1. Manager clicks “Manage pending events” button at menu home. 2. System shows “Manage pending events” screen. 3. Manager clicks “Reject event” button. 4. System makes the event going with that button change status from “Draft” to “Rejected” and it will be taken to the Draft list of the organizer.		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	Medium		
Frequency of use:	Medium		
Business rules:	N/A		

2.4.7.6. *View event report イベント報告の閲覧*

Use Case Specification

Use case ID:	UC-7.06	Use case name:	View event report
Author:	DuyenNTM	Date:	10/02/2019

Primary actors:	Manager	Secondary actors:	N/A
Description:	Manage can view all the reports from students and organizers who want to report about bad content of the event.		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	Manager can see all the reports.		
Main flow:	1. Manager clicks “View all reports” button at menu home. 2. System shows “View all reports” screen.		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	Medium		
Frequency of use:	Medium		
Business rules:	N/A		

2.4.7.7. Sort report 報告の並べ替え

Use Case Specification

Use case ID:	UC-7.07	Use case name:	Sort report
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manager can see the list of reports according to certain criteria		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	Manager can see the list of reports according to certain criteria		
Main flow:	1. Manager clicks “View all reports” button at menu home. 2. System shows “View all reports” screen. 3. Manager clicks the “Sort” icon at one column to sort 4. System shows the list of reports after sorting. The sort icon changes from ASC to DESC or from DESC to ASC.		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	Medium		
Frequency of use:	Medium		

Business rules:	N/A
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2.4.7.8. *Search report 報告検索*

Use Case Specification

Use case ID:	UC-7.08	Use case name:	Search report
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manage can access the information of one report in the quick way through searching.		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	Manage find out the report that he/she wants.		
Main flow:	1. Manager clicks “View all reports” button at menu home. 2. System shows “View all reports” screen. 3. Manager inputs the keyword to the “Search” box. 4. System shows “View all reports” screen with reports have the information related to the searching keyword.		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	Medium		
Frequency of use:	Medium		
Business rules:	N/A		

2.4.7.9. *Block event イベントブロック*

Use Case Specification

Use case ID:	UC-7.09	Use case name:	Block event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manage stops an event in order to change information of in emergency situation.		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	An event after being stoped will change status to <i>rejected</i> and it will be taken to the draft list of the organizer		

Main flow:	<ol style="list-style-type: none"> Manager clicks “View all reports” button at menu home. System shows “View all reports” screen. Manager clicks “Block event” button going with an event. System makes the event going with that button change status to “Rejected” and it will be taken to the Draft list of the organizer.
Extension flow:	<p>Extension flow 1:</p> <ol style="list-style-type: none"> Manager clicks “View all events” button at menu home. System shows “View all events” screen Manager clicks the name of one event. System shows “View event details” screen of that event. Manager clicks “Block” button. System makes the event going with that button change status to “Rejected” and it will be taken to the Draft list of the organizer.
Exception Flow:	N/A
Priority:	Medium
Frequency of use:	Medium
Business rules:	N/A

2.4.7.10. Dismiss event イベント却下

Use Case Specification

Use case ID:	UC-7.10	Use case name:	Dismiss event
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manage can keep track all the report well through blocking event or dismiss the report.		
Pre-conditions:	The manager has logged-in this system.		
Post-conditions:	Manage find out the report that he/she wants.		
Main flow:	<ol style="list-style-type: none"> Manager clicks “View all reports” button at menu home. System shows “View all reports” screen. Manager clicks “Dismiss” button going with an event. System pushes the report after dismissing to the end of the list of reports. 		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	Low		

Frequency of use:	Medium
Business rules:	N/A

2.4.8. Manage account module アカウントモジュール管理

2.4.8.1. View list account アカウント一覧の閲覧

Use Case Specification

Use case ID:	UC-8.01	Use case name:	View list account
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Admin	Secondary actors:	N/A
Description:	Admin can have a big picture about the people who have special roles in this system.		
Pre-conditions:	Admin has logged-in this system.		
Post-conditions:	System shows the list of user have special roles.		
Main flow:	1. Admin clicks “View all accounts” button at home menu. 2. System shows “View all accounts” screen. The matrix of account has these column: No, Name, Email, (Role) Student, (Role) Organizer, (Role) Manager, (Role) Administrator.		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	High		
Frequency of use:	High		
Business rules:	N/A		

2.4.8.2. View detail account アカウント詳細の閲覧

Use Case Specification

Use case ID:	UC-8.02	Use case name:	View detail account
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Admin	Secondary actors:	N/A
Description:	Admin can view the information of an account.		
Pre-conditions:	Admin has logged-in this system.		

Post-conditions:	Admin can view the information of an account.
Main flow:	<ol style="list-style-type: none"> 1. Admin clicks “View all accounts” button at home menu. 2. System shows “View all accounts” screen. 3. Admin clicks to the name of one user. 4. System shows details of account through “Edit account” screen.
Extension flow:	N/A
Exception Flow:	N/A
Priority:	High
Frequency of use:	High
Business rules:	N/A

2.4.8.3. *Edit account role* アカウントの役割変更

Use Case Specification

Use case ID:	UC-8.03	Use case name:	Edit account role
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Admin	Secondary actors:	N/A
Description:	Admin can change the information of the account in order to assign tasks appropriately.		
Pre-conditions:	Admin has logged-in this system.		
Post-conditions:	The information of the account changed.		
Main flow:	<ol style="list-style-type: none"> 1. Admin clicks “View all accounts” button at home menu. 2. System shows “View all accounts” screen. 3. Admin clicks to the name of one user. 4. System shows details of account through “Edit account” screen. 5. Admin changes the role of the account and clicks “Edit” button. 6. System saves information to the database and redirect users to “View all accounts” screen with updated matrix of account. 		
Extension flow:	Extension flow 1: <ol style="list-style-type: none"> 1. Admin inputs data in step 5 violates one or some of business rules. 2. System displays error message(s) on the form. 		
Exception Flow:	N/A		
Priority:	High		
Frequency of use:	High		

Business rules:	<ul style="list-style-type: none"> - You must select at least 1 role - An account with this email already existed.
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2.4.8.4. *Search account* アカウント検索

Use Case Specification

Use case ID:	UC-8.04	Use case name:	Search account
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Admin	Secondary actors:	N/A
Description:	Admin can access the information of one account in the quick way through searching.		
Pre-conditions:	Admin has logged into the SEC system.		
Post-conditions:	Admin find out the information of accounts that he/she wants.		
Main flow:	<ol style="list-style-type: none"> 1. Admin clicks “View all accounts” button at menu home. 2. System shows “View all accounts” screen. 3. Admin inputs the keyword to the “Search” box and clicks “Search” button. 4. System shows “View all accounts” screen with accounts have the information related to the searching keyword. 		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	High		
Frequency of use:	High		
Business rules:	N/A		

2.4.8.5. *Filter account* アカウント絞り込み

Use Case Specification

Use case ID:	UC-8.05	Use case name:	Filter account
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Admin	Secondary actors:	N/A
Description:	Admin can access the information of one account in the quick way through filtering.		
Pre-conditions:	Admin has logged into the SEC system.		

Post-conditions:	Admin find out the report that he/she wants.
Main flow:	<ol style="list-style-type: none"> 1. Admin clicks “View all accounts” button at menu home. 2. System shows “View all accounts” screen. 3. Admin filter through clicking the role of accounts and clicks “Search” button. 4. System shows “View all accounts” screen with accounts have the information related to the searching keyword.
Extension flow:	N/A
Exception Flow:	N/A
Priority:	High
Frequency of use:	High
Business rules:	N/A

2.4.8.6. Create account アカウント作成

Use Case Specification

Use case ID:	UC-8.06	Use case name:	Filter account
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Admin	Secondary actors:	N/A
Description:	Admin can grant permission for a new account through this function.		
Pre-conditions:	Admin has logged into the SEC system.		
Post-conditions:	An account have new permission.		
Main flow:	<ol style="list-style-type: none"> 1. Admin clicks “Create account” button at menu home. 2. System shows “Create account” screen includes these fields: Email, Role 3. Admin fills in the form and clicks “Add” button 4. System saves the information of new account to the database and redirect user to the updated “View all accounts” screen. 		
Extension flow:	Extension flow 1: <ol style="list-style-type: none"> 1. Admin inputs data in step 3 violates one or some of business rules. 2. System displays error message(s) on the form. 		
Exception Flow:	N/A		
Priority:	High		
Frequency of use:	High		

Business rules:	<ul style="list-style-type: none"> - You must select at least 1 role - The Email field is not a valid e-mail address.
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2.4.9. Manage group グループ管理

2.4.9.1. View list group グループ一覧の閲覧

Use Case Specification

Use case ID:	UC-9.01	Use case name:	View list group
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can have a big picture about the groups in FPT University		
Pre-conditions:	User has logged-in this system.		
Post-conditions:	User shows the list of user have special roles.		
Main flow:	<ol style="list-style-type: none"> 1. User clicks “View all groups” button at home menu. 2. System shows “View all groups” screen. The grid of group has these column: No, Group name, Group leader, Members, Create date, Mail 		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	Medium		
Frequency of use:	Medium		
Business rules:	N/A		

2.4.9.2. Search group グループ検索

Use Case Specification

Use case ID:	UC-9.02	Use case name:	Search group
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can access the information of one group in the quick way through searching.		
Pre-conditions:	User has logged into the SEC system.		
Post-conditions:	User find out the information of accounts that he/she wants.		

Main flow:	<ol style="list-style-type: none"> 1. User clicks “View all groups” button at menu home. 2. System shows “View all groups” screen. 3. User inputs the keyword to the “Search” box. 4. System shows “View all groups” screen with groups have the information related to the searching keyword.
Extension flow:	N/A
Exception Flow:	N/A
Priority:	Medium
Frequency of use:	Medium
Business rules:	N/A

2.4.9.3. *Sort group グループの並べ替え*

Use Case Specification

Use case ID:	UC-9.03	Use case name:	Sort group
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can see the list of reports according to certain criteria		
Pre-conditions:	User has logged into the SEC system.		
Post-conditions:	User can see the list of reports according to certain criteria		
Main flow:	<ol style="list-style-type: none"> 1. User clicks “View all groups” button at menu home. 2. System shows “View all groups” screen. 3. User clicks the “Sort” icon at one column to sort 4. System shows the list of groups after sorting. The sort icon changes from ASC to DESC or from DESC to ASC. 		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	Medium		
Frequency of use:	Medium		
Business rules:	N/A		

2.4.9.4. *View group information グループ情報の閲覧*

Use Case Specification

Use case ID:	UC-9.04	Use case name:	View group information
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can see the list of reports according to certain criteria		
Pre-conditions:	User has logged into the SEC system.		
Post-conditions:	User can see the list of reports according to certain criteria		
Main flow:	<ol style="list-style-type: none"> 1. User clicks “View all groups” button at menu home. 2. System shows “View all groups” screen. 3. User clicks the “Details” hyperlink of an event. 4. System shows “Group details” screen with all information of the group, which includes: name of group, group description, information of leader, recent events (recent event created by members of this group), list of members of the group. 		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	Medium		
Frequency of use:	Medium		
Business rules:	N/A		

2.4.9.5. *View group member* グループメンバーの閲覧

Use Case Specification

Use case ID:	UC-9.05	Use case name:	View group member
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can see the list of reports according to certain criteria		
Pre-conditions:	User has logged into the SEC system.		
Post-conditions:	User can see the list of reports according to certain criteria		
Main flow:	<ol style="list-style-type: none"> 1. User clicks “View all groups” button at menu home. 2. System shows “View all groups” screen. 3. User clicks the “Details” hyperlink of an event. 4. System shows “Group details” screen. 		

	5. User clicks the “ <i>Members</i> ” button to see all group’s member. 6. System shows list group members to user.
Extension flow:	N/A
Exception Flow:	N/A
Priority:	Medium
Frequency of use:	Medium
Business rules:	N/A

2.4.9.6. *Search member* メンバー検索

Use Case Specification

Use case ID:	UC-9.06	Use case name:	Search member
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can access the information of one member in the quick way through searching.		
Pre-conditions:	User has logged into the SEC system.		
Post-conditions:	User find out the information of members that he/she wants.		
Main flow:	1. User clicks “ <i>View all groups</i> ” button at menu home. 2. System shows “ <i>View all groups</i> ” screen. 3. User clicks the “ <i>Details</i> ” hyperlink of an event. 4. System shows “ <i>Group details</i> ” screen. 5. User clicks the “ <i>Members</i> ” button to see all group’s member. 6. System shows list group members to user. 7. User inputs the keyword to the “ <i>Search</i> ” box. 8. System shows “ <i>View all members</i> ” screen with members have the information related to the searching keyword.		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	Medium		
Frequency of use:	Medium		
Business rules:	N/A		

2.4.9.7. *Sort member メンバーの並べ替え*

Use Case Specification

Use case ID:	UC-9.07	Use case name:	Sort member
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can see the list of members according to certain criteria		
Pre-conditions:	User has logged into the SEC system.		
Post-conditions:	User can see the list of members according to certain criteria		
Main flow:	<ol style="list-style-type: none"> 1. User clicks “View all groups” button at menu home. 2. System shows “View all groups” screen. 3. User clicks the “Details” hyperlink of an event. 4. System shows “Group details” screen. 5. User clicks the “Members” button to see all group’s member. 6. System shows list group members to user. 7. User clicks the “Sort” icon at one column to sort 8. System shows the list of members after sorting. The sort icon changes from ASC to DESC or from DESC to ASC. 		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	Medium		
Frequency of use:	Medium		
Business rules:	N/A		

2.4.9.8. *Add member to group グループにユーザー追加*

Use Case Specification

Use case ID:	UC-9.8	Use case name:	Add member to group
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	Organizer (who is leader) can add members to group to contribute in organizing events better		
Pre-conditions:	Organizer has logged into the SEC system.		

	Organizer is currently the leader of the group.
Post-conditions:	A new member is added to a group.
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “View all groups” button at menu home. 2. System shows “View all groups” screen. 3. Organizer clicks the “Details” hyperlink of an event. 4. System shows “Group details” screen. 5. Organizer clicks the “Members” button to see all group’s member. 6. System shows list group members to user. 7. Organizer enters email of new member and clicks “Add” button. 8. System saves information of new member and updates the grid list of members above.
Extension flow:	N/A
Exception Flow:	N/A
Priority:	Medium
Frequency of use:	Medium
Business rules:	N/A

2.4.9.9. Remove member グループからメンバー削除

Use Case Specification

Use case ID:	UC-9.9	Use case name:	Remove member
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	Organizer can remove members out of group if they are no longer having contribution in the group.		
Pre-conditions:	Organizer has logged into the SEC system. Organizer is currently the leader of the group.		
Post-conditions:	A member is removed out of group.		
Main flow:	<ol style="list-style-type: none"> 1. Organizer clicks “View all groups” button at menu home. 2. System shows “View all groups” screen. 3. Organizer clicks the “Details” hyperlink of an event. 4. System shows “Group details” screen. 5. Organizer clicks the “Members” button to see all group’s member. 6. System shows list group members to user. 7. Organizer clicks “Remove” button of a member of group. 8. System saves information and updates the grid list of members above. 		

Extension flow:	N/A
Exception Flow:	N/A
Priority:	Medium
Frequency of use:	Medium
Business rules:	N/A

2.4.9.10. *Edit information of group* グループ情報の編集

Use Case Specification

Use case ID:	UC-9.10	Use case name:	Edit information of group
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Organizer	Secondary actors:	N/A
Description:	Organizer can change information of a group.		
Pre-conditions:	Organizer has logged into the SEC system. Organizer is currently the leader of the group.		
Post-conditions:	The information of a group will be changed.		
Main flow:	1. Organizer clicks “View all groups” button at menu home. 2. System shows “View all groups” screen. 3. Organizer clicks the “Details” hyperlink of an event. 4. System shows “Group details” screen. 5. Organizer clicks the “Edit group info” button. 6. System shows “Edit group info” screen. 7. Organizer changes the information of the group. 8. System saves information and redirects user to “Group details” screen.		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	Medium		
Frequency of use:	Low		
Business rules:	N/A		

2.4.9.11. *Create group* グループ作成

Use Case Specification

Use case ID:	UC-9.11	Use case name:	Create group
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manage can keep track the groups through creating new group.		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	Manage can create new group.		
Main flow:	<ol style="list-style-type: none"> 1. Manager clicks “Create group” button at menu home. 2. System shows “Create group” screen. 3. Manager fills in “Create group” form and clicks “Create” button. 4. System saves the information of the new group and redirects manager to the new list of groups. 		
Extension flow:	<p>Extension flow 1:</p> <ol style="list-style-type: none"> 1. Manager inputs data in step 3 violates one or some of business rules. 2. System displays error message(s) on the form. 		
Exception Flow:	N/A		
Priority:	Medium		
Frequency of use:	Medium		
- Business rules:	<ul style="list-style-type: none"> - The Group name field is required. - The Leader field is required. - Leader is not valid. - The Group mail field is not a valid e-mail address. 		

2.4.9.12. *Change leader リーダー変更*

Use Case Specification

Use case ID:	UC-9.12	Use case name:	Change leader
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manager can change leader of a group.		
Pre-conditions:	Manager has logged into the SEC system.		
Post-conditions:	The leader of group will be changed.		
Main flow:	<ol style="list-style-type: none"> 1. Manager clicks “View all groups” button at menu home. 2. System shows “View all groups” screen. 3. Manager clicks the “Details” hyperlink of an event. 		

	4. System shows “ <i>Group details</i> ” screen. 5. Manager clicks the “ <i>Change Leader</i> ” button. 6. System shows “ <i>Change Leader</i> ” screen. 7. Manager clicks “ <i>Assign</i> ” button to change leader. 8. System saves information and redirects user to “ <i>Group details</i> ” screen.
Extension flow:	Extension flow 1: 1. At step 3, manager clicks “ <i>Change leader</i> ” button instead of clicking “ <i>Details</i> ”. 2. System shows “ <i>Change Leader</i> ” screen. 3. Manager clicks “ <i>Assign</i> ” button to change leader. 4. System saves information and redirects user to “ <i>Group details</i> ” screen.
Exception Flow:	N/A
Priority:	Medium
Frequency of use:	Medium
Business rules:	N/A

2.4.9.13. Delete group グループ削除

Use Case Specification

Use case ID:	UC-9.13	Use case name:	Delete group
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Manager	Secondary actors:	N/A
Description:	Manage can keep track the groups of event through deleting information of the category.		
Pre-conditions:	Manage has logged into the SEC system.		
Post-conditions:	Manage can delete some groups which have not existed anymore.		
Main flow:	1. Manager clicks “ <i>View all groups</i> ” button at menu home. 2. System shows “ <i>View all groups</i> ” screen. 3. Manager clicks “ <i>Delete</i> ” button. 4. System shows confirmation box to ask if user really want to delete or not. 5. Manager clicks “ <i>Yes</i> ” button. 6. System update the information of the list of category and redirects manager to the “ <i>View all groups</i> ” screen.		
Extension flow:	N/A		
Exception Flow:	N/A		

Priority:	Medium
Frequency of use:	Low
Business rules:	N/A

2.4.10. Manage notifications お知らせの管理

2.4.10.1. Show notifications お知らせの表示

Use Case Specification

Use case ID:	UC-10.01	Use case name:	Show notifications
Author:	DuyenNTM	Date:	10/02/2019
Primary actors:	Student, Organizer, Manager, Admin	Secondary actors:	N/A
Description:	User can keep track the groups of event through deleting information of the category.		
Pre-conditions:	User has logged into the SEC system.		
Post-conditions:	User can delete some groups which have not existed anymore.		
Main flow:	1. User clicks “Notifications” button at menu home. 2. System shows list of notification for user.		
Extension flow:	N/A		
Exception Flow:	N/A		
Priority:	Medium		
Frequency of use:	Low		
Business rules:	N/A		

3. Non-functional requirements 非機能要件

3.1. Security セキュリティ

The system must use token-based authentication, in which the authentication server returns an access token user logged in with @fpt.edu.vn email.

3.2. Supportability サポートability

The application should be easy to extend.

3.3. ***Usability*** ユーザビリティ

- The interface is friendly, simple and easy to use.
- The steps are short and easy to understand so that the user can interact with the application without training.
- Main functions are organized into tabs for easier access.
- Links, buttons, and checkboxes are easily clickable.
- Important commands are displayed as buttons with distinct background colors.
- Front-end web application should support Chrome 45 and Firefox 38 browsers.

3.4. ***Maintainability and extensibility*** 保守性と拡張性

Source code must follow the coding convention in order to help developers to read, understand and find it easy to maintain or modify the code.

4. Entity relationship diagram 実体関連図

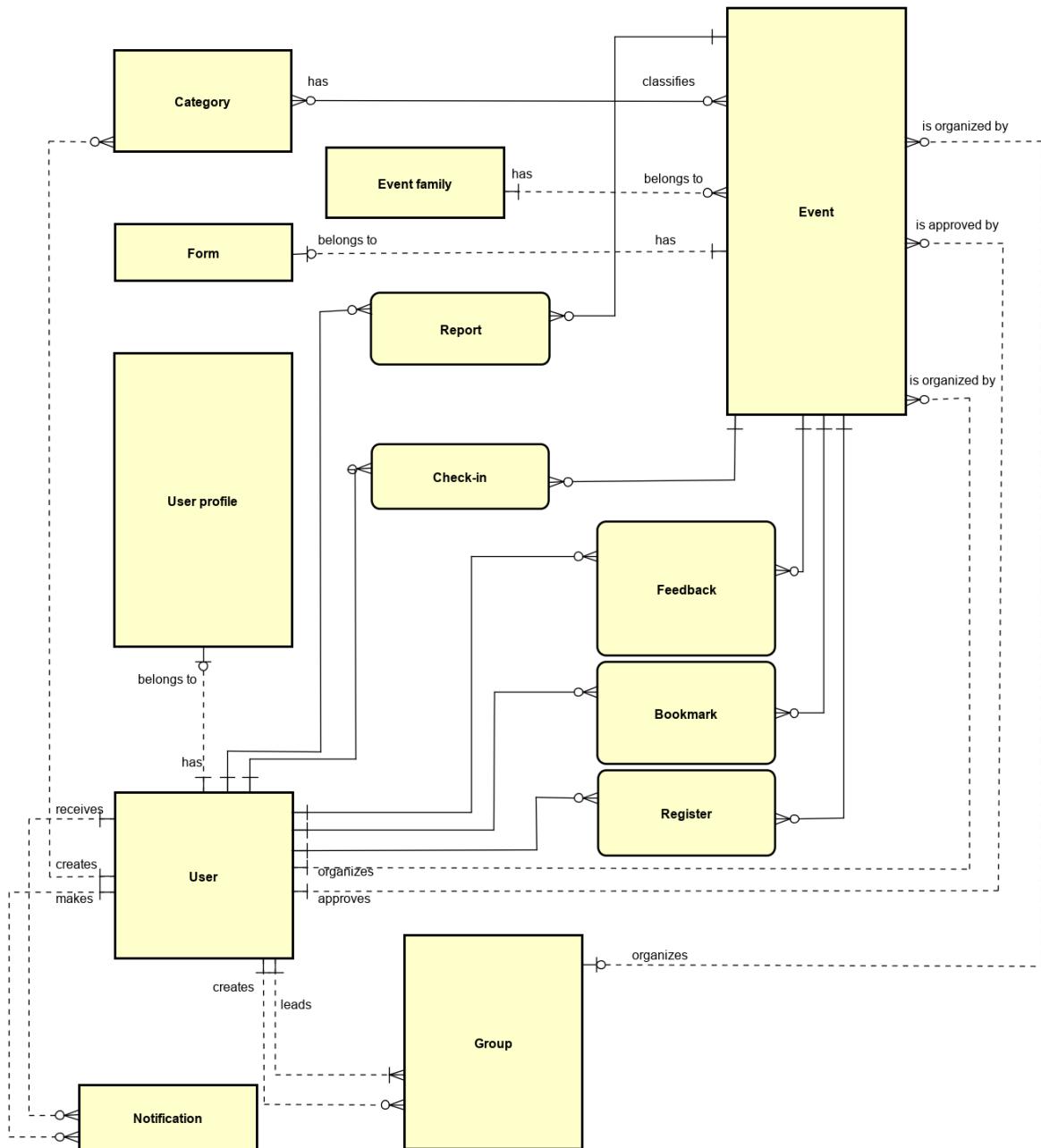


Figure 18. Entity Relationship Diagram

5. State machine diagram ステートマシン図

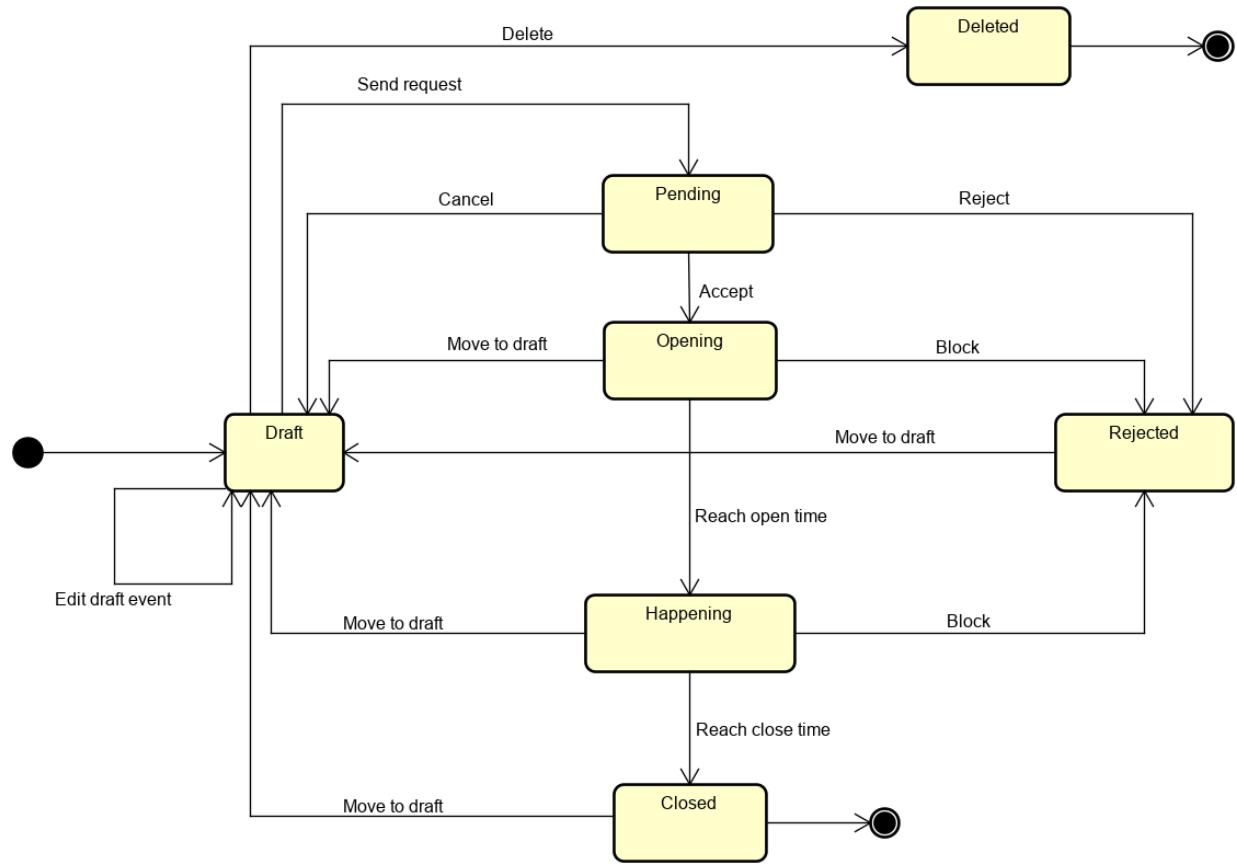


Figure 19. State machine diagram of an event

Chapter 4: Software design

1. Purpose 目的

This chapter is to give the developer team an overview of what the system's architecture is, and how they should be implemented. This chapter consists of:

- ✓ Overview of system architecture
- ✓ Architecture presentation
- ✓ Database design
- ✓ Detailed design

2. Architectural overview アーキテクチャの概要

2.1 System overview システムの概要

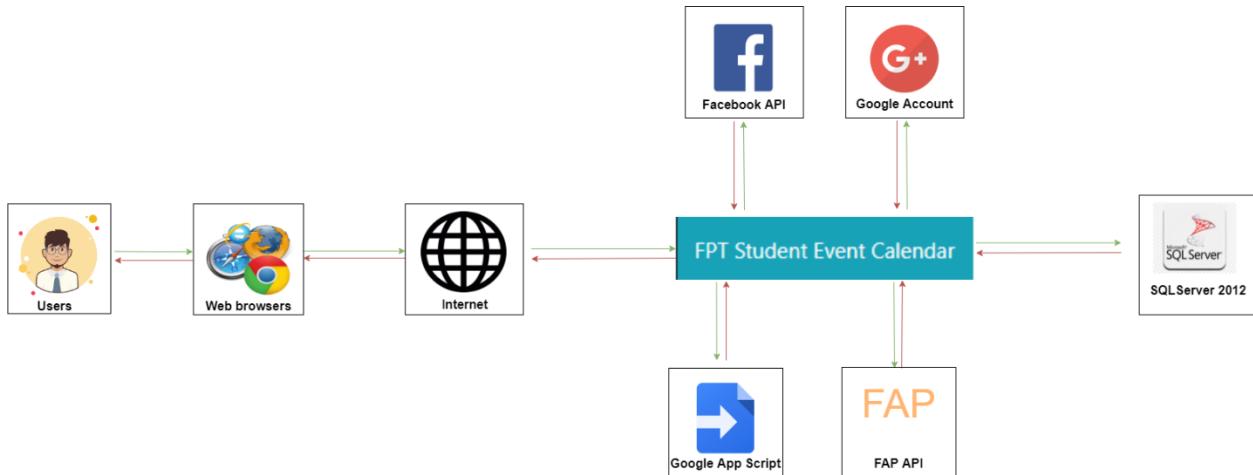


Figure 20. System overview

Web Browser: Users can use all most browsers to access our website such as: Chrome, Mozilla Firefox, Microsoft Edge, Opera...

Google Account: To verify access to web server and send notification of events to user. This is website for FPT Students, so only FPT Student and FPT Officers can login to website by mail of FPT University to use service.

Facebook API: To verify access to web server. User who logged-in Facebook successfully can access public event page of SEC system.

FAP (fap.fpt.edu.vn) API: To get information of the profiles, the class calendar, exam calendar, major,... of students in FPT University.

Database: SQLserver 2012 which was developed, distributed and supported by Microsoft Corporation. It is a powerful and reliable free data management system that delivers a rich and reliable data store for lightweight Web Sites and desktop applications.

Internet: Is a global information system that can be accessed publicly including computer networks linked together.

Google App Script: Apps Script makes it easy to create and publish add-ons in an online store for Google Sheets, Docs, Slides, and Forms. There's no better way to distribute scripts to large numbers of users, whether you want to ship your code to the whole world or keep it private to the users in your G Suite domain.

2.2. Architecture design アーキテクチャ設計

2.2.1. Architecture layers design 建築層デザイン



Figure 21. Architecture layers design.

2.2.2. Package design パッケージデザイン



Figure 22. Package diagram

Directory	Purpose
/Controllers	Where we put Controller classes that handle URL requests
/Models	Where we put classes that represent and manipulate data and business objects.
/Views	Where we put UI template files that are responsible for rendering output, such as HTML
/Scripts	Where we put JavaScript library files and scripts (.js)
/Images	Where we put images used in our site.
/Content	Where we put CSS and other sit content, other than scripts and images.
/Helper	Where we put Helper classes that helps handle some business logic.
/Jobs	Where we put code for features about status of event.
/App_Data	Where we store data files we want to read/ write
/App_Start	Where we put configuration code for features like Routing, Bundling and Web API.

Table 10. Top-level directories

3. System design システム設計

3.1. Database design データベース設計

3.1.1. Database diagram データベース図

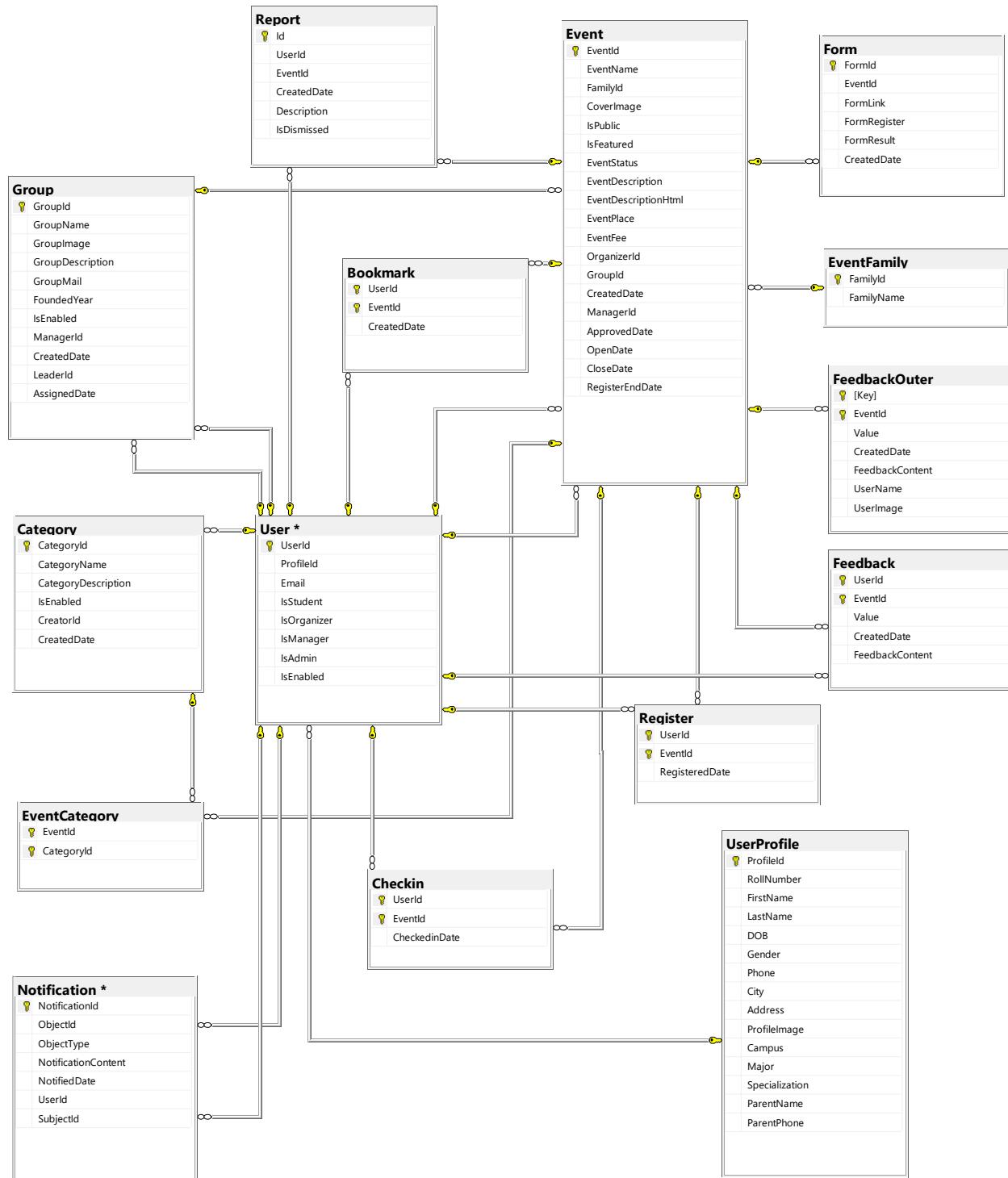


Figure 23. Database diagram

3.1.2. Database dictionary データベース辞書

3.1.2.1. Table description テーブルの説明

No	Table Name	Description
1	Group	Information of groups of users who participated in organizing events in FPT University.
2	User	Information of users who are organizer or manager or administrator of SEC system.
3	Category	Information of categories of events in FPT University,
4	Event	Information of events which is held in FPT University.
5	FeebackOuter	Content of vote and the information of the feedback about quality of the events from user who feedback a public by Facebook account.
6	Bookmark	Information of the events user want to follow.
7	Feedback	Content of vote and the information of the feedback about quality of the events.
8	UserProfile	Information of profile of user
9	Register	Information of register who sign-in the registration form of the event.
10	Checkin	Information of the user who participate in the events.
11	Form	Information of the registration forms of events.
12	EventFamily	Information of an event family that have many events belong. An event family comprised of a collection of events and through that, it has a particular long-term aim.
13	EventCategory	Define what the categories of the events.
14	Report	Information of reports about bad contents of events which are sent to manager.
15	Notification	Information of notifications of users

Table 11. Database entity description table

3.1.2.2. Table design テーブルデザイン

Group					
Field Name	Data Type	Key	Allow Null	Description	Note

GroupId	int	PK	Yes	Identified group's notation	IDENTITY(1,1)
GroupName	nvarchar(50)		Yes	Group's name	
GroupImage	nvarchar(100)		No	Group's image	
GroupDescription	ntext		No	Group's descriptionn	
GroupMail	nvarchar(100)		No	Group's mail.	
FoundedDate	datetime		No	The date when the group is founded in reallife.	
IsEnabled	bit		No	Show the status of a group. If a group is enabled so it is active. If a group is not enabled, it is deleted by manager. The default of this attribute is 1.	DEFAULT 1
LeaderId	int	FK	Yes	Identified leader's notation.	
CreatedDate	datetime		No	The date that group is created.	DEFAULT GETDATE()
AssignedDate	date		No	The date that a leader assigned to lead the group.	DEFAULT GETDATE()
ManagerId	int	FK	Yes	The identified manager's notation who created the group.	

Table 12. Group table design

User					
Field Name	Data Type	Key	Allow Null	Description	Note
UserId	int	PK	No	Identified user's notation	IDENTITY(1,1)
ProfileId	int	FK	No	Identified profile's notation	
Email	nvarchar(30)		No	Email of user	UNIQUE
IsStudent	bit		No	Determine the role of user's notation: user is a student or not.	DEFAULT 1
IsOrganizer	bit		No	Determine the role of user's notation: user is a organizer or not.	DEFAULT 0

IsManager	bit		No	Determine the role of user's notation: user is a manager or not.	DEFAULT 0
IsAdmin	bit		No	Determine the role of user's notation: user is a admin or not.	DEFAULT 0
.IsEnabled	bit		No	Identify the status of user.	DEFAULT 1

Table 13. User table design

Category					
Field Name	Data Type	Key	Allow Null	Description	Note
CategoryId	int	PK	No	Identified category's notation	IDENTITY(1,1)
CategoryName	nvarchar(50)		No	Category's name	
CategoryDescription	ntext		Yes	Category' description	
.IsEnabled	bit		No	Status of category, a category is deleted or not	DEFAULT 1
CreatedDate	datetime		No	The date that category is created	DEFAULT GETDATE()
CreatorId	int	FK	No	ID of user who created the category	

Table 14. Category table design

FeebackOuter					
Field Name	Data Type	Key	Allow Null	Description	Note
[Key]	varchar(200)	PK	No	Identified key using Facebook	
EventId	int	PK, FK	No	Identified event's notation	
[Value]	float		No	Identified value using Facebook	
CreatedDate	datetime		No	The date that the feedback created by Facebook account is created	DEFAULT GETDATE()
FeedbackContent	ntext		No	Feedback's content	
UserName	ntext		Yes	Username of the person who makes the feedback	

				which is crawled from Facebook.	
UserImage	ntext		Yes	Avatar of the person who makes the feedback which is crawled from Facebook.	

Table 15. Like table design

Event					
Field Name	Data Type	Key	Allow Null	Description	Note
EventId	int	PK	No	Identified event' notation.	<code>IDENTITY(1,1)</code>
EventName	nvarchar(100)		No	Event's name.	
FamilyId	int	FK	Yes	Identified event family's notation	
CoverImage	text		No	Event's cover image	
IsPublic	bit		No	Determine the accessible ability of users, if an event is set that it is public, everyone can see it's information without logging in SEC system.	<code>DEFAULT 0</code>
IsFeatured	bit		No	Determine whether an event is a featured event or not	<code>DEFAULT 0</code>
EventStatus	nvarchar(10)		No	Determine the status of an event. An event has 7 states: {Draft Pending Cancelled Opening Happening Closed Reject Deleted}	<code>DEFAULT 'Pending'</code> <code>CHECK (EventStatus IN ('Draft', 'Pending', 'Cancelled', 'Opening', 'Happening', 'Closed', 'Deleted', 'Rejected'))</code>
EventDescription	ntext		No	Event's description	
EventDescriptionHtml	ntext		No	Event's description which is shown up with the decoration html and css	
EventPlace	nvarchar(100)		No	Event's place	

EventFee	money		No	Event's fee	
IsOrganizerOnly	bit		No	Determine the target participant. If event is only for those with a role as organizer, IsOrganizerOnly is 1, if for everyone, IsOrganizerOnly is 0.	DEFAULT 0
Participant	nvarchar(200)		Yes	Determine the target participant.	
OrganizerId	int	FK	No	User's ID who organized the event.	
GroupId	int	FK	Yes	Group's ID which organized the event.	
CreatedDate	datetime		No	The date that the event is created.	DEFAULT GETDATE()
ManagerId	int	FK	No	User's ID who accept or, delete or block or reject,... the event.	
ApprovedDate	datetime		No	The date that the event is approved.	
OpenDate	datetime		No	The date that the event open.	
CloseDate	datetime		No	The date that the event close.	
RegisterEndDate	datetime		No	The date that the registration form is closed.	

Table 16. Event table design

Bookmark					
Field Name	Data Type	Key	Allow Null	Description	Note
UserId	int	PK, FK	No	Identified user's notation	
EventId	int	PK, FK	No	Identified event's notation	
CreatedDate	datetime		No	The date that user bookmark an event.	DEFAULT GETDATE()

Table 17. Bookmark table design

Feedback

Field Name	Data Type	Key	Allow Null	Description	Note
UserId	int	PK, FK	No	Identified user's notation	
EventId	int	PK, FK	No	Identified event's notation	
Value	float		No	Value of point, it is set from 0 to 5.	
CreatedDate	datetime		No	The date that the feedback is created.	DEFAULT GETDATE()
FeedbackContent	ntext		No	The feedback content	

Table 18. Feedback table design

Register					
Field Name	Data Type	Key	Allow Null	Description	Note
UserId	int	PK, FK	No	Identified user's notation	
EventId	int	PK, FK	No	Identified event's notation	
RegisteredDate	datetime		No	The date that user register to the event.	DEFAULT GETDATE()

Table 19. Register table design

UserProfile					
Field Name	Data Type	Key	Allow Null	Description	Note
ProfileId	int	PK	No	Identified profile's notation	
RollNumber	nvarchar(10)		Yes	Student's roll number	
FirstName	nvarchar(20)		No	User's first name	
LastName	nvarchar(50)		No	User's last name	
DOB	date		Yes	User's date of birth	
Gender	bit		Yes	User's gender	
Phone	nvarchar(11)		No	User's telephone number	
City	nvarchar(100)		Yes	User's city	
Address	nvarchar(100)		Yes	User's address	
ProfileImage	nvarchar(300)		No	User's profile image	

Campus	nvarchar(100)		Yes	User's campus	
Major	nvarchar(100)		Yes	Student's major	
Specialization	nvarchar(100)		Yes	Student's specialization	
ParentName	nvarchar(100)		Yes	Student's parent name	
ParentPhone	nvarchar(11)		Yes	Student's parent phone	

Table 20. UserProfile table design

Checkin					
Field Name	Data Type	Key	Allow Null	Description	
UserId	int	PK, FK	No	Identified user's notation	
EventId	int	PK, FK	No	Identified event's notation	
CheckedinDate	datetime		No	The date that participant is checked-in.	DEFAULT GETDATE()

Table 21. Checkin table design

Form					
Field Name	Data Type	Key	Allow Null	Description	Note
FormId	int	PK	No	Identified form's notation	IDENTITY(1,1)
EventId	int	FK	No	Identified event's notation	
FormLink	text		No	The link form at the organizer is creating the form	
FormRegister	text		No	Link form when students register to participate	
FormResult	text		No	The link form displays statistics	
CreatedDate	datetime		No	The date that the form is created.	DEFAULT GETDATE()

Table 22. Form table design

EventFamily					
Field Name	Data Type	Key	Allow Null	Description	Note
FamilyId	int	PK	No	Identified family's notation	

FamilyName	nvarchar(100)		No	Event family name	
------------	---------------	--	----	-------------------	--

Table 23. EventFamily table design

EventCategory					
Field Name	Data Type	Key	Allow Null	Description	
EventId	int	PK, FK	No	Identified event's notation	
CategoryId	int	PK, FK	No	Identified category's notation	

Table 24. EventCategory's description

Report					
Field Name	Data Type	Key	Allow Null	Description	Note
UserId	int	PK, FK	No	Identified family's notation	
EventId	int	PK, FK	No	Identified family's notation	
CreatedDate	datetime		No	The date that the report is created	DEFAULT GETDATE()
Description	ntext		No	The description of the report	
IsDismiss	bit		No	The status of the report	DEFAULT 0

Table 25. Report table design

Notification					
Field Name	Data Type	Key	Allow Null	Description	Note
NotificationId	int	PK	No	Identified notification's notation	
ObjectId	int		No	Information of object that is notified	
ObjectType	datetime		No	Type of object	
NotificationContent	ntext		No	Content of notification	
UserId	bit	FK	No	User's ID who created the notification	
NotifiedDate	datetime		No	The date that notification created	DEFAULT GETDATE()
SubjectId	int	FK	No	ID of which is mentioned	

Table 26. Notification table design

3.2. Detailed design 詳細設計

3.2.1. Authentication 認証

3.2.1.1. Login ログイン

Screen design

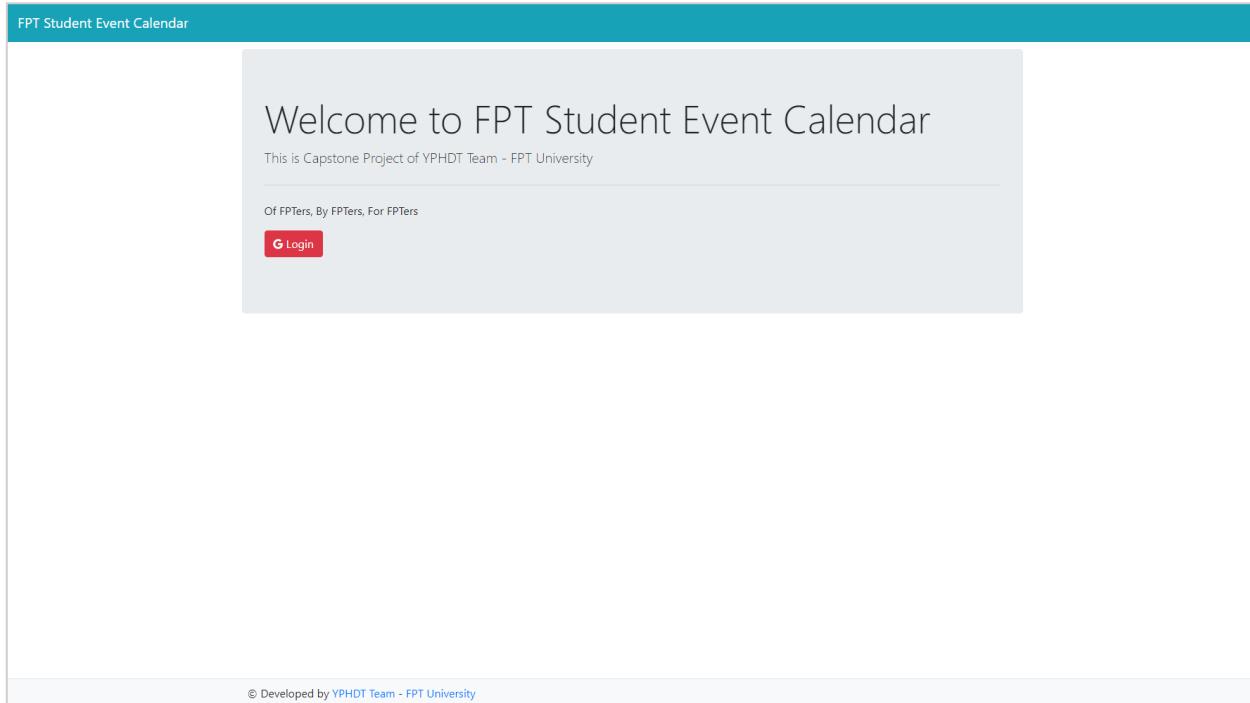
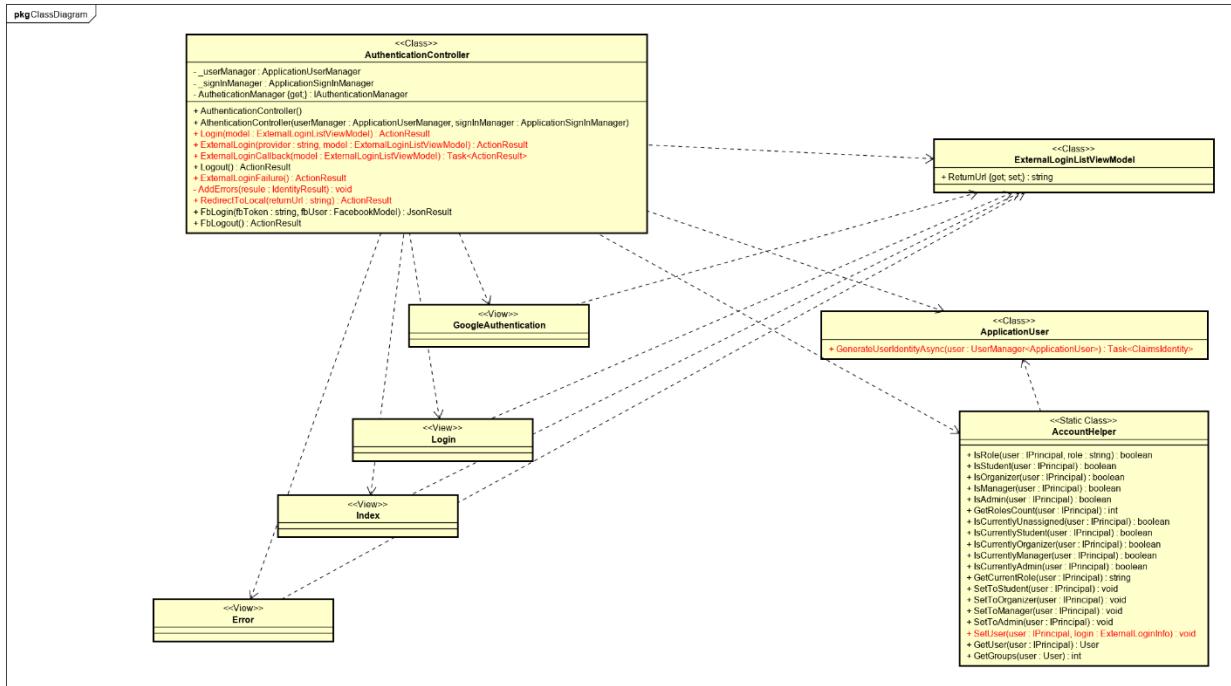
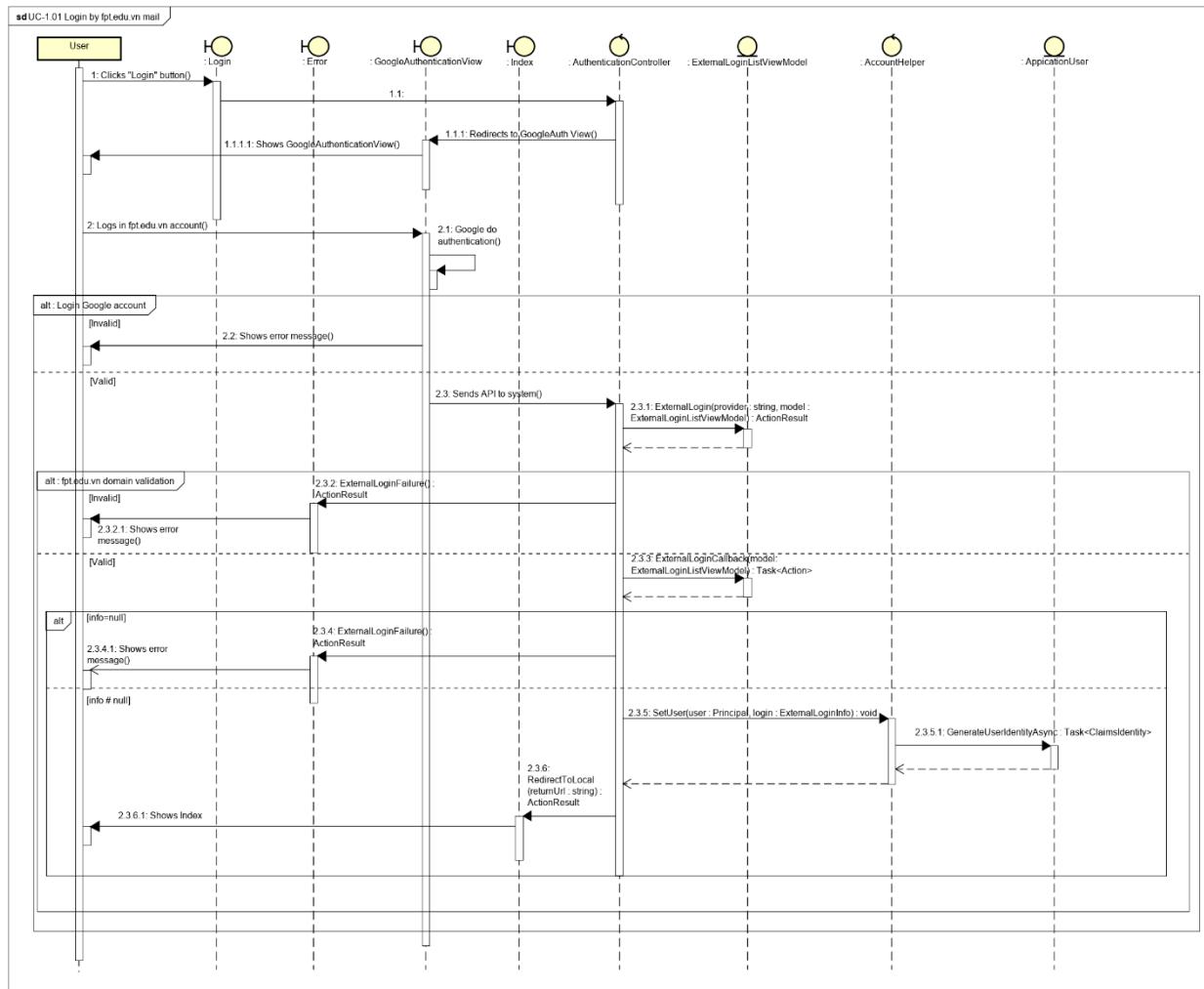


Figure 24. Login screen

Class Diagram

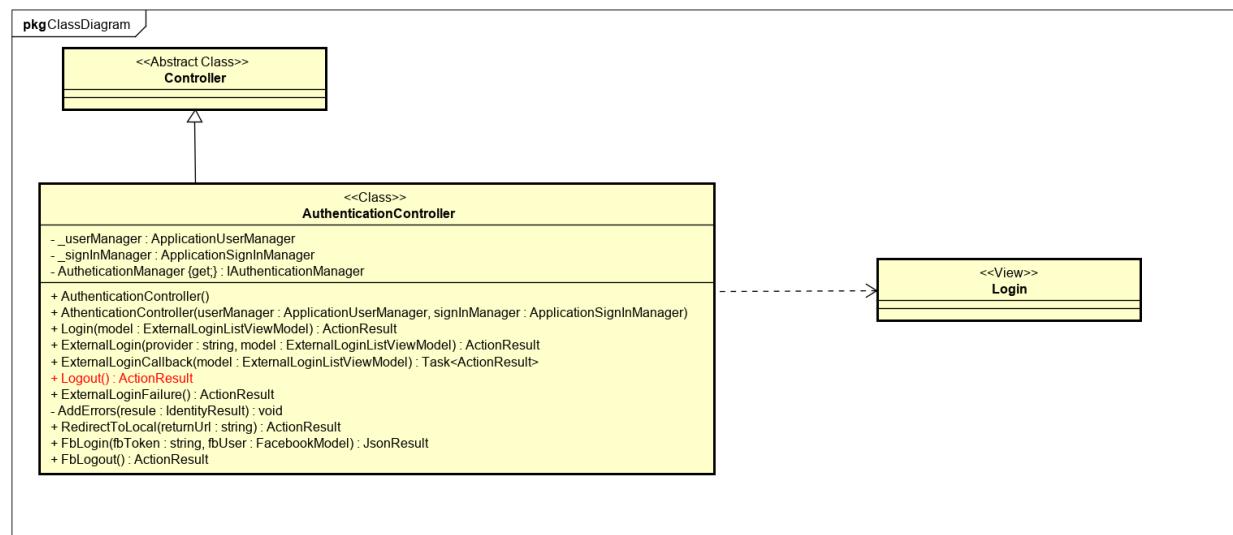


Sequence Diagram

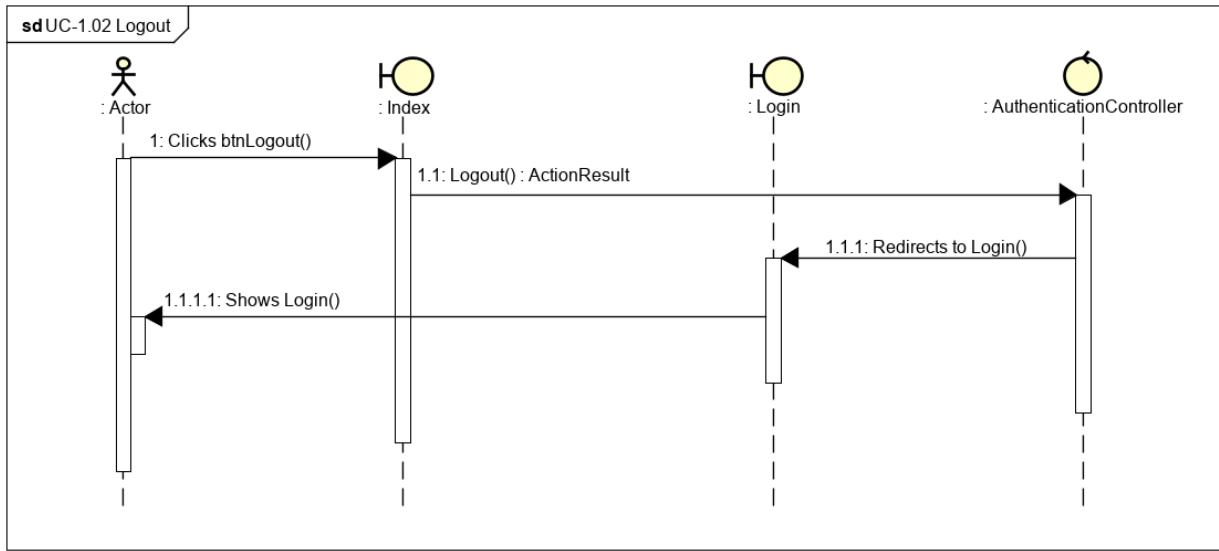


3.2.1.2. Logout ログアウト

Class Diagram

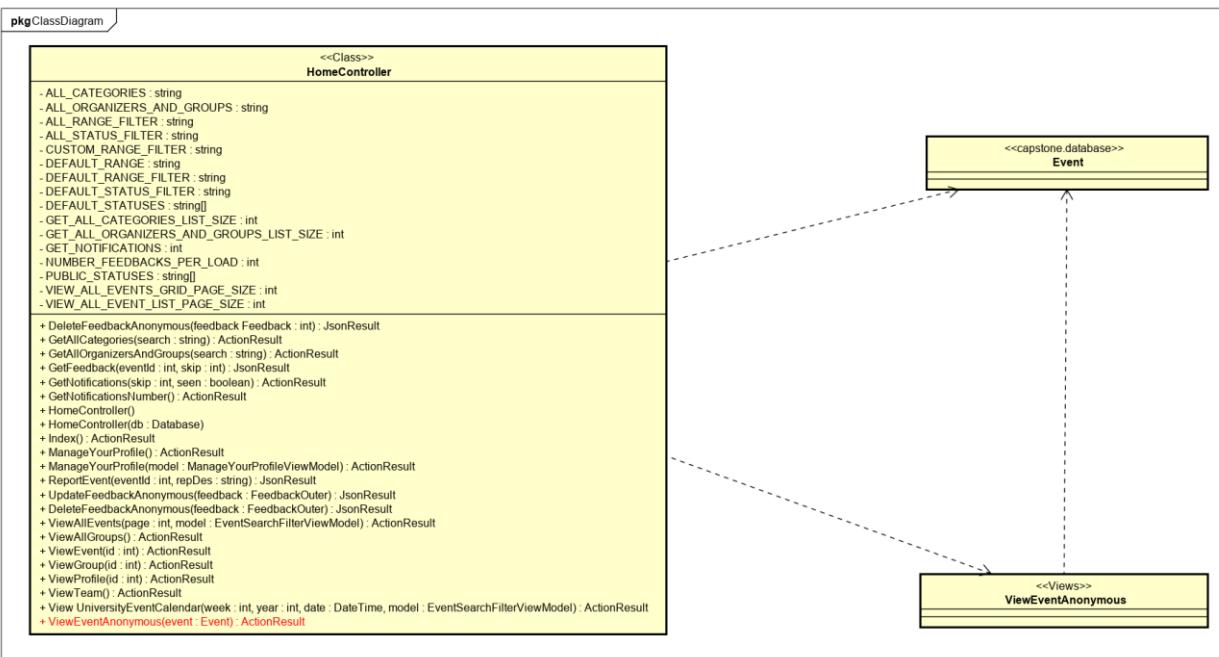


Sequence Diagram

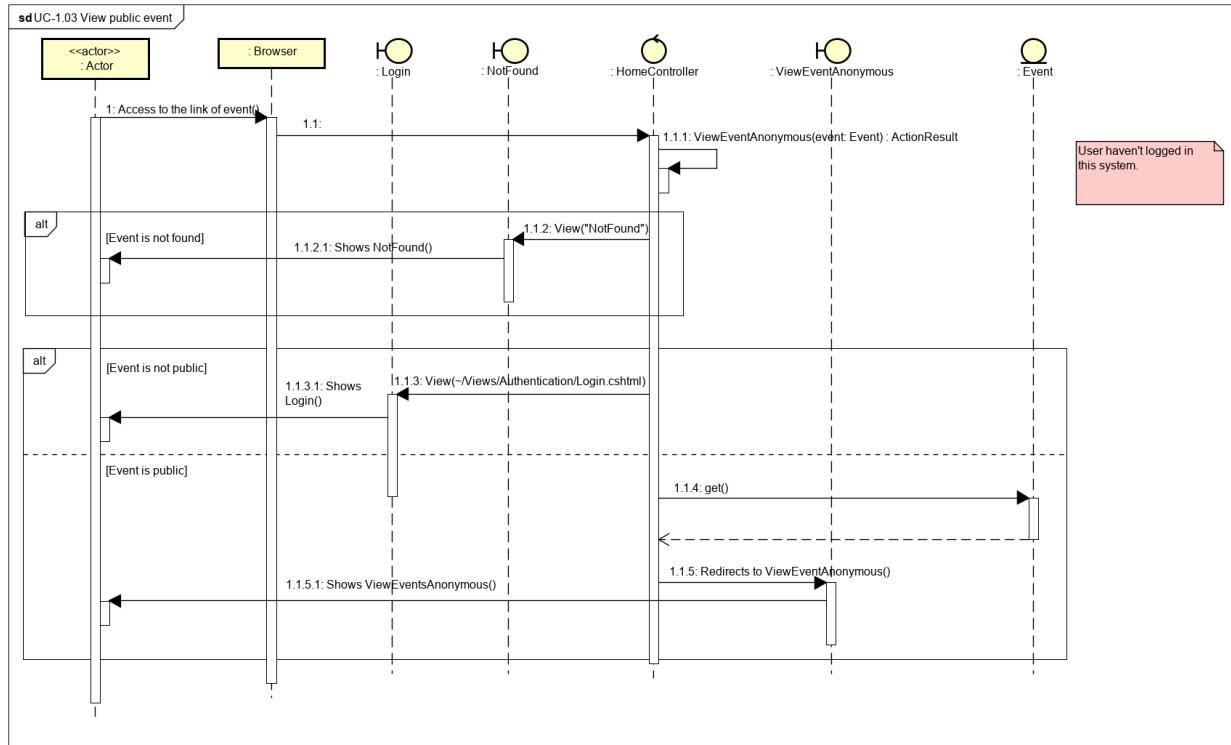


3.2.1.3. View public event 公開イベントの閲覧

Class Diagram



Sequence Diagram



3.2.1.4. Feedback by Facebook account フェイスブックのアカウントによるフィードバック Screen Design

Feedback

Your feedback

Please login before leaving feedback.

Log in With Facebook
 Login

See what others think

Phương Nguyễn
4.5★ Apr 12, 2019

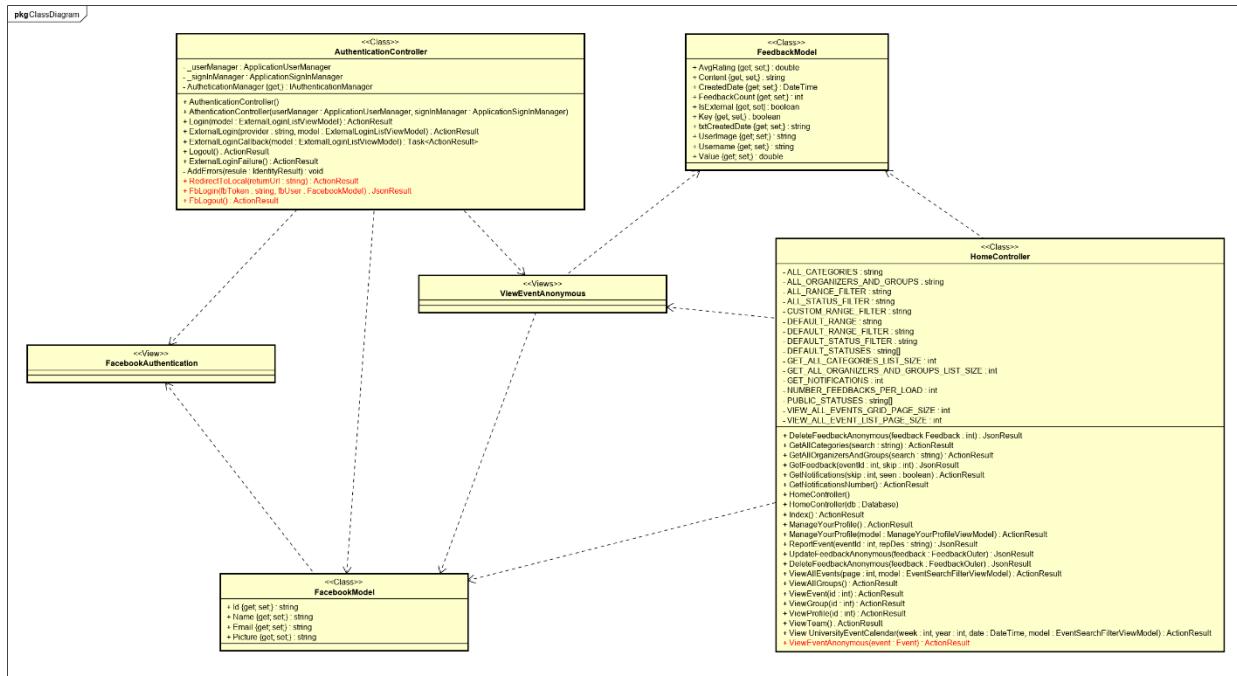
Test nè

Nguyễn Hùng Tiến
0.5★ Apr 12, 2019

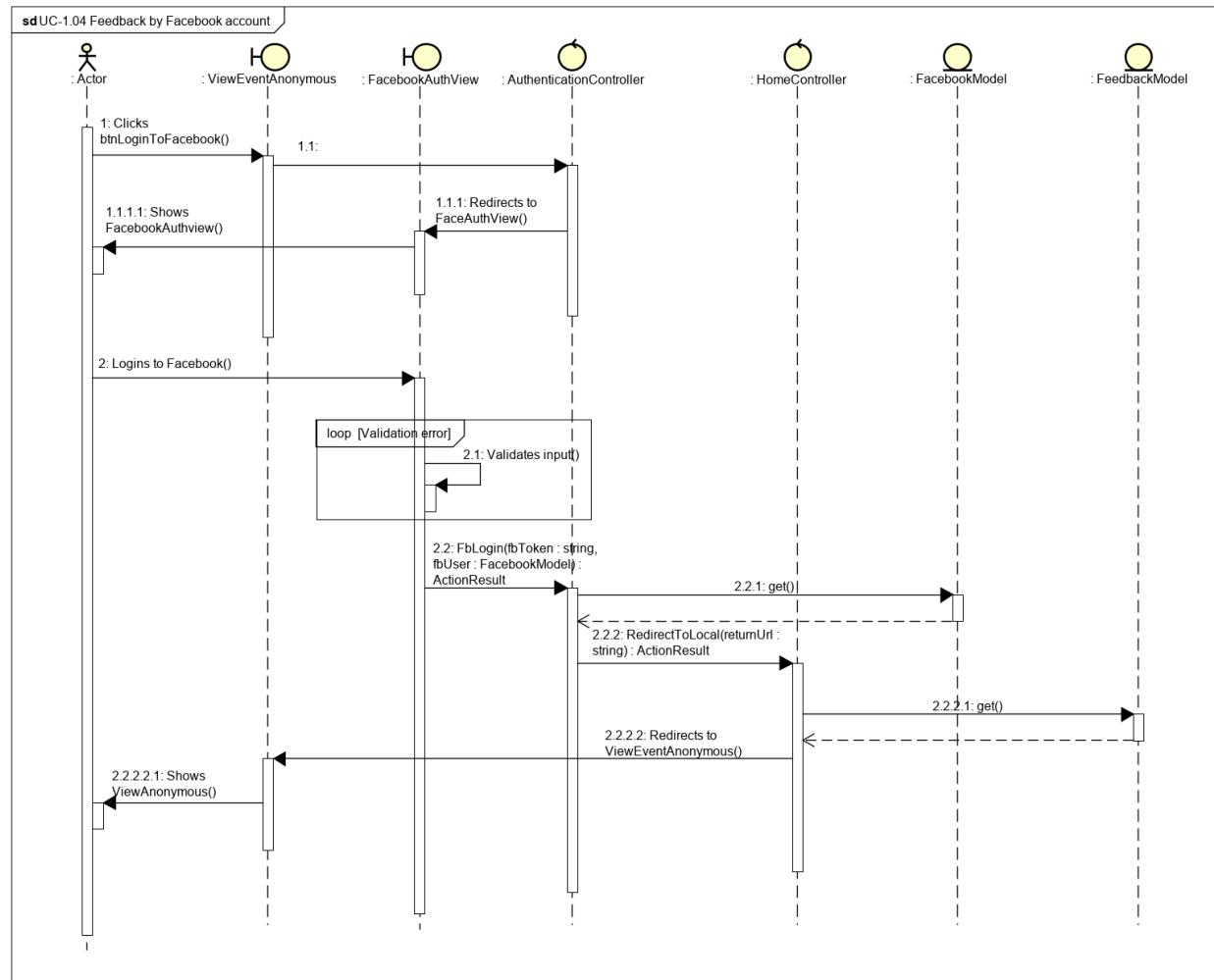
aaa

Figure 25. Feedback by Facebook account screen

Class Diagram



Sequence Diagram



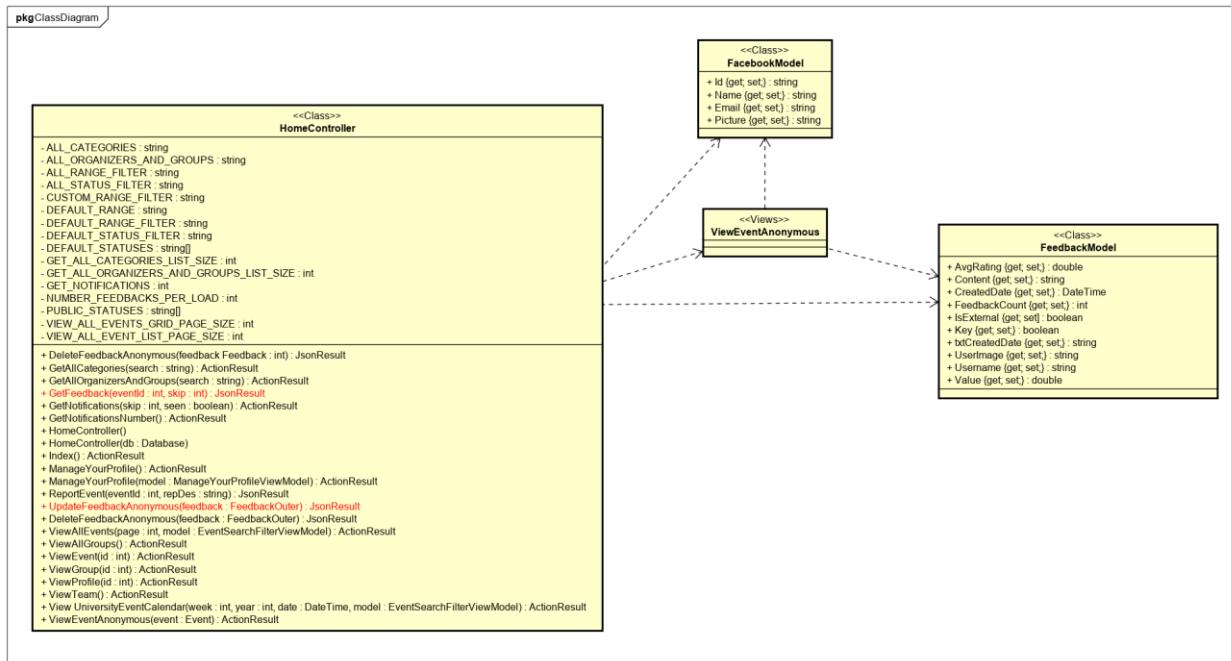
3.2.1.5. Edit own Facebook feedback 所有するフェイスブックフィードバックの編集

Screen Design

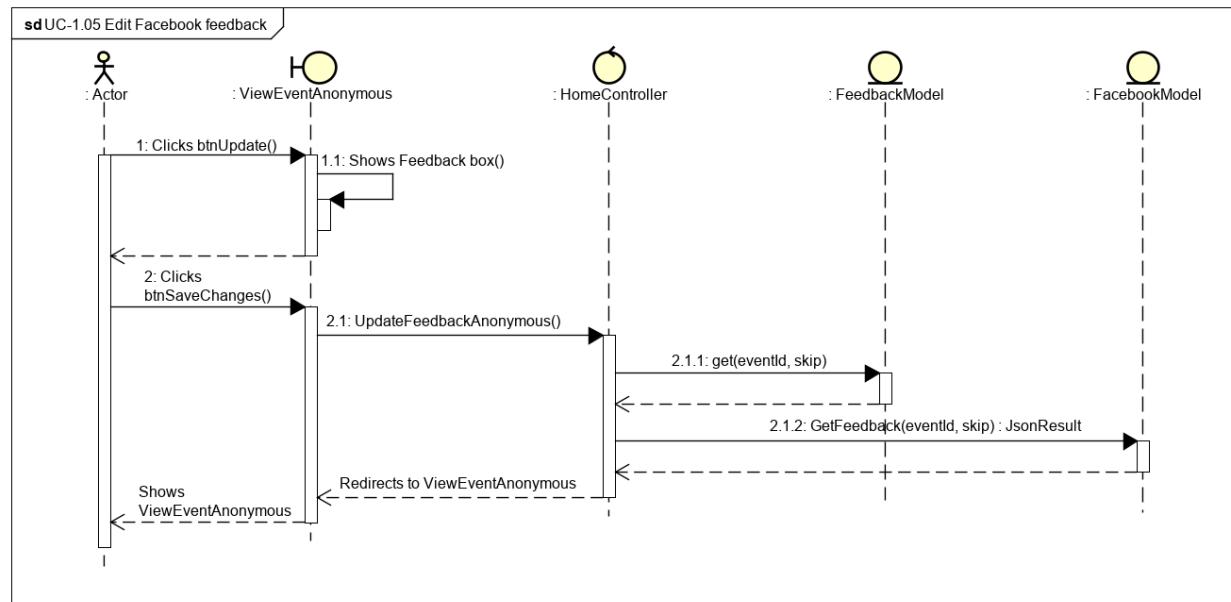


Figure 26. Edit own feedback screen

Class Diagram



Sequence Diagram



3.2.1.6. Delete own Facebook feedback 所有するフェイスブックフィードバックの削除

Screen Design



Figure 27. Delete own Facebook feedback screen

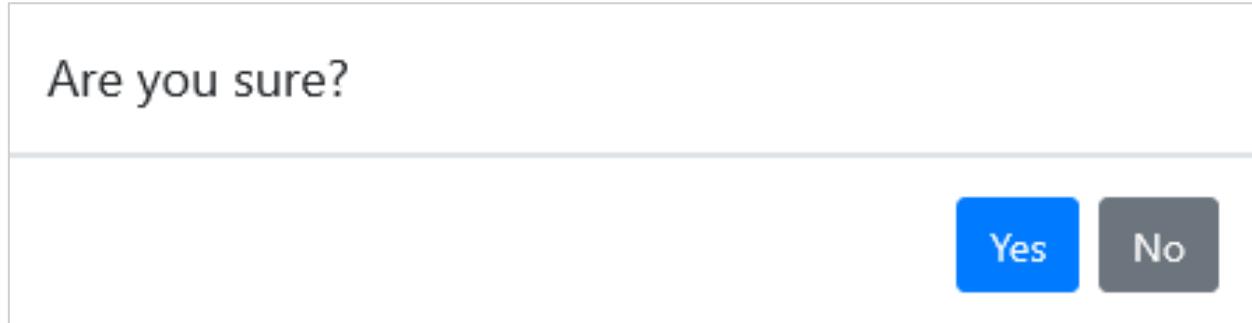
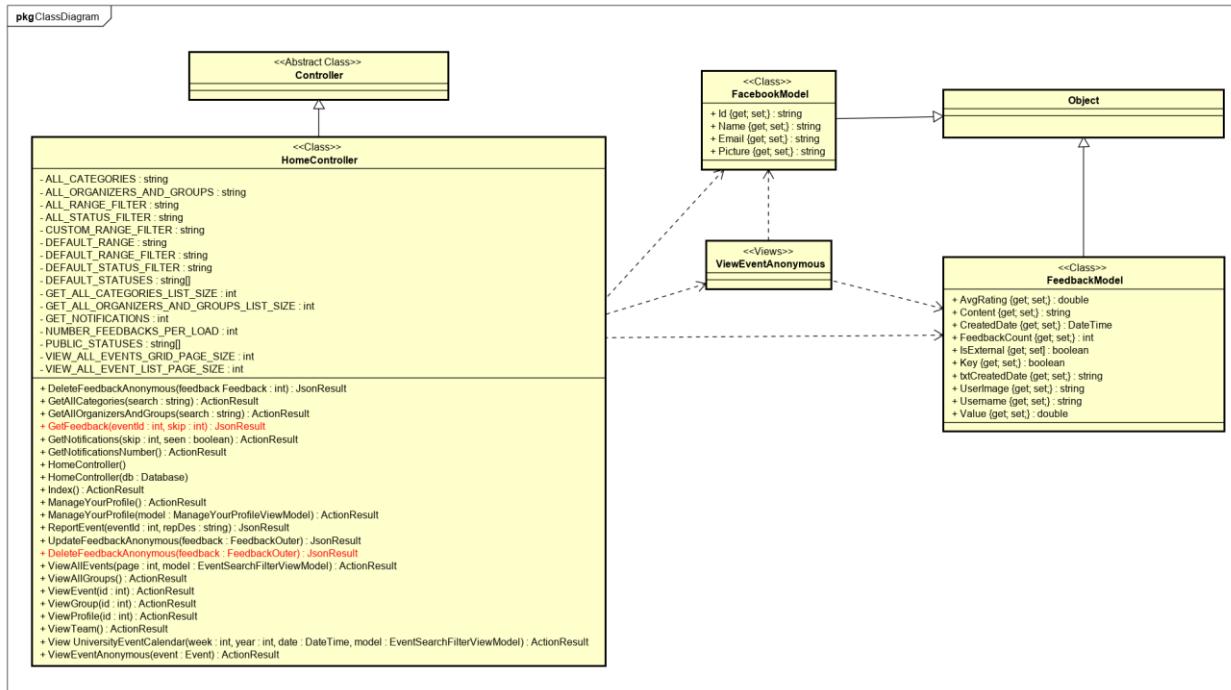
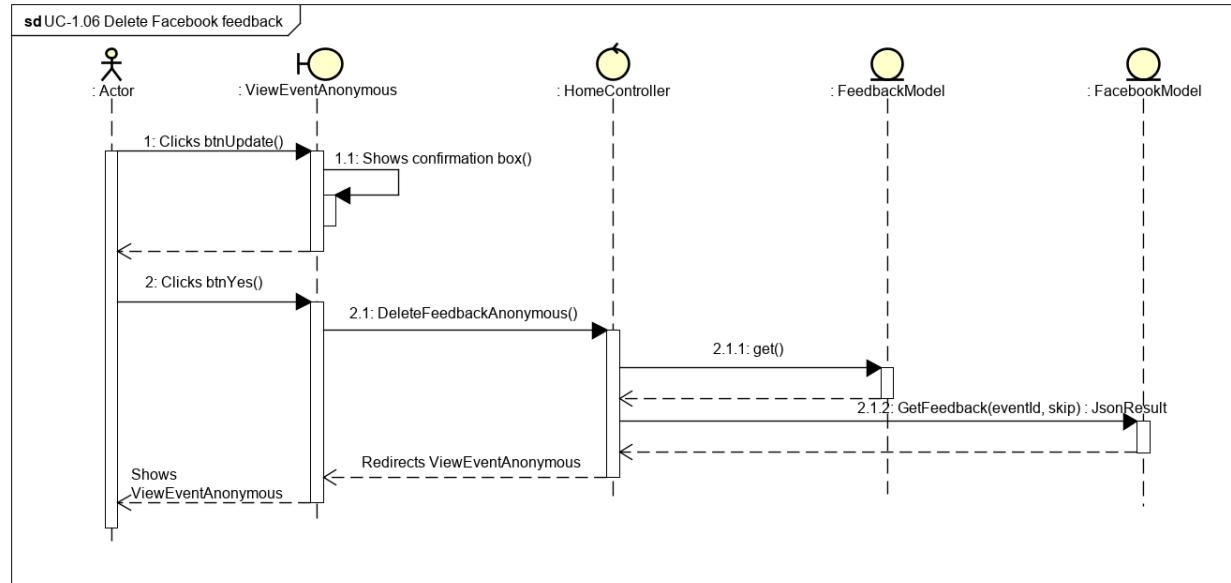


Figure 28. Confirmation box of delete own Facebook feedback screen

Class Diagram



Sequence Diagram



3.2.2. View Homepage ホームページの閲覧

3.2.2.1. View Homepage ホームページの閲覧

Screen Design

The screenshot shows the 'Featured events' section with a banner for 'FU DEBATE CAMP 2019' titled 'VÒNG ĐỜI CỦA RÁC'. Below the banner are three navigation links: 'View events', 'Manage your account', and 'View groups'.

Student

- View events**
 - View university event calendar
 - View your event calendar
 - View all events
 - View registered events [about to happen]
- Manage your account**
 - Manage your profile
- View groups**
 - View all groups

Developed by YPHDT Team - FPT University

Table 27. Student's homepage screen

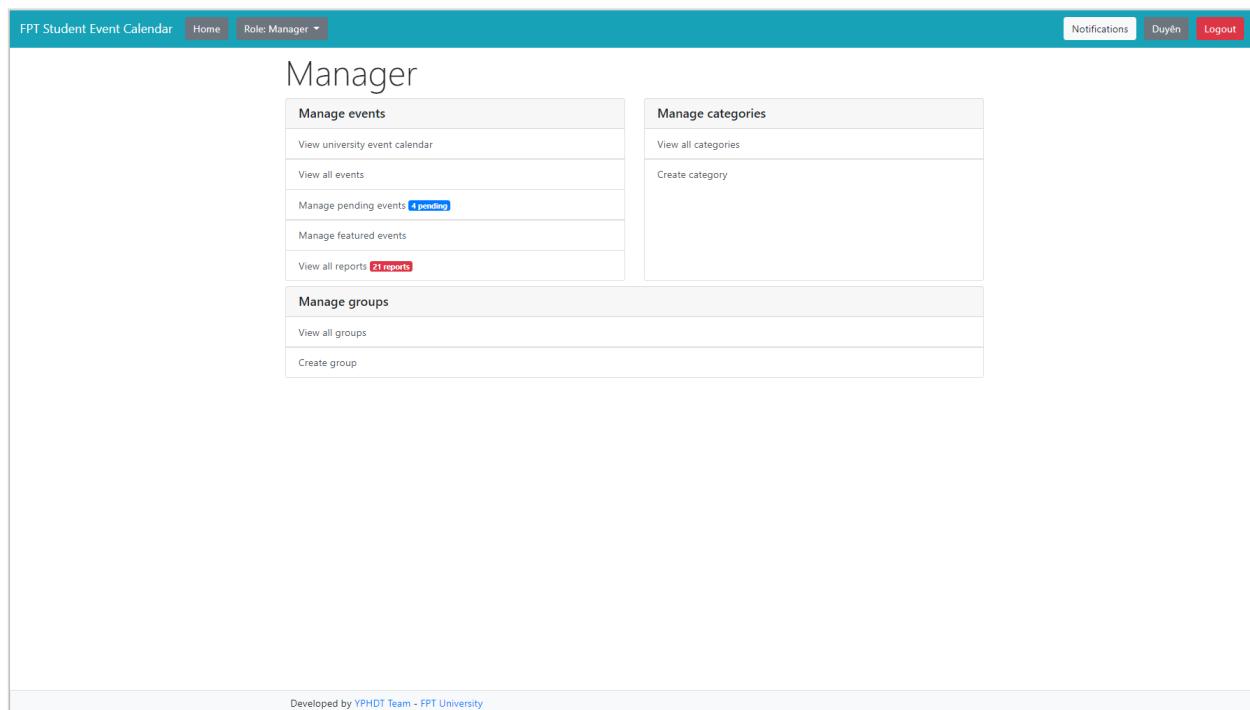
The screenshot shows the 'Your happening events' section with a banner for 'PUBLIC SPEAKING SPEAK TRIP' at 'SINGAPORE' and 'MALAYSIA'. Below the banner are three navigation links: 'Manage your events', 'View events', and 'View groups'.

Organizer

- Manage your events**
 - Create event
 - View all your events
 - View your draft events [2 drafts]
 - View your pending events [2 pending 3 rejected]
- View events**
 - View university event calendar
 - View all events
- View groups**
 - View all groups

Developed by YPHDT Team - FPT University

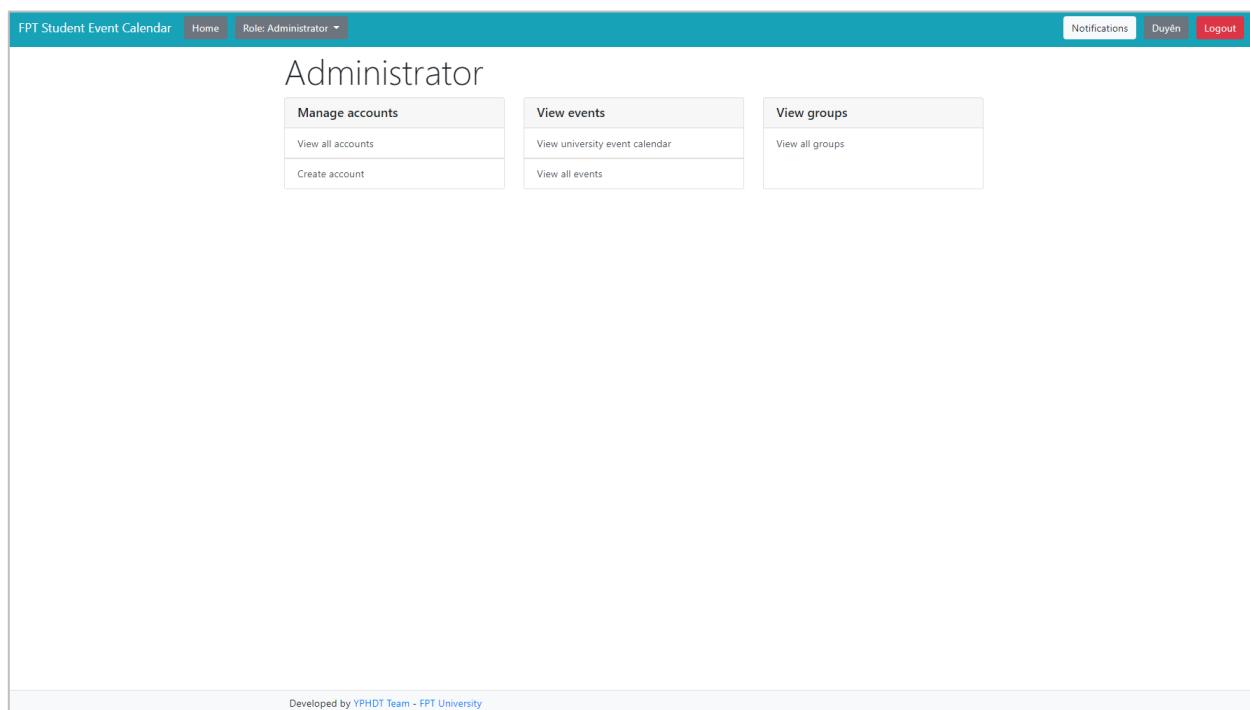
Table 28. Organizer's homepage screen



The screenshot shows the Manager's homepage screen. At the top, there is a header bar with the title "FPT Student Event Calendar", navigation links "Home" and "Role: Manager", and user information "Notifications Duyễn Logout". The main content area is titled "Manager". It contains two columns of buttons:

- Manage events** (left column):
 - View university event calendar
 - View all events
 - Manage pending events **4 pending**
 - Manage featured events
 - View all reports **21 reports**
- Manage categories** (right column):
 - View all categories
 - Create category

Below these columns, there is another section titled "Manage groups" with buttons for "View all groups" and "Create group". At the bottom of the page, a footer note says "Developed by YPHD Team - FPT University".

Table 29. Manager's homepage screen


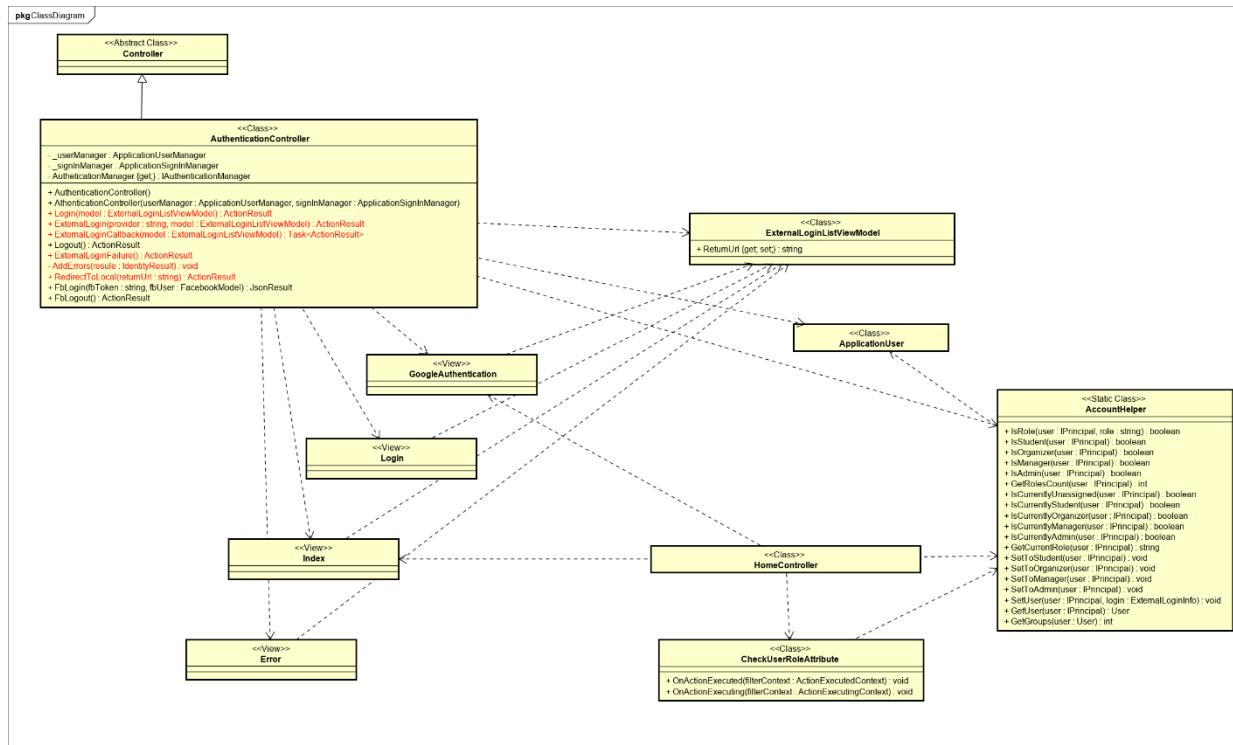
The screenshot shows the Admin's homepage screen. At the top, there is a header bar with the title "FPT Student Event Calendar", navigation links "Home" and "Role: Administrator", and user information "Notifications Duyễn Logout". The main content area is titled "Administrator". It contains three columns of buttons:

- Manage accounts** (left column):
 - View all accounts
 - Create account
- View events** (middle column):
 - View university event calendar
 - View all events
- View groups** (right column):
 - View all groups

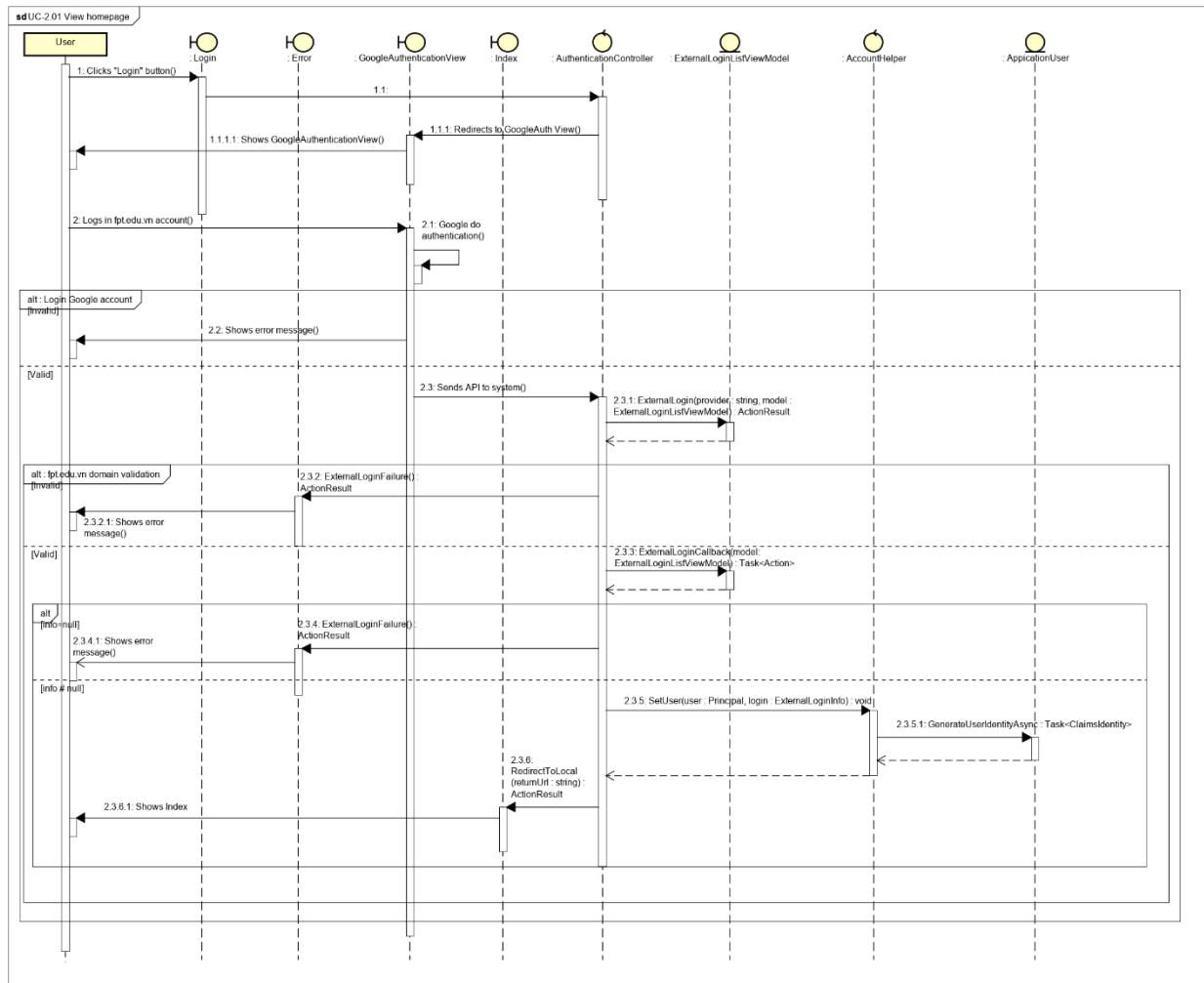
At the bottom of the page, a footer note says "Developed by YPHD Team - FPT University".

Table 30. Admin's homepage screen

Class Diagram



Sequence Diagram



3.2.3. Manage your account アカウント管理

3.2.3.1. View profile プロファイル閲覧

Screen Design

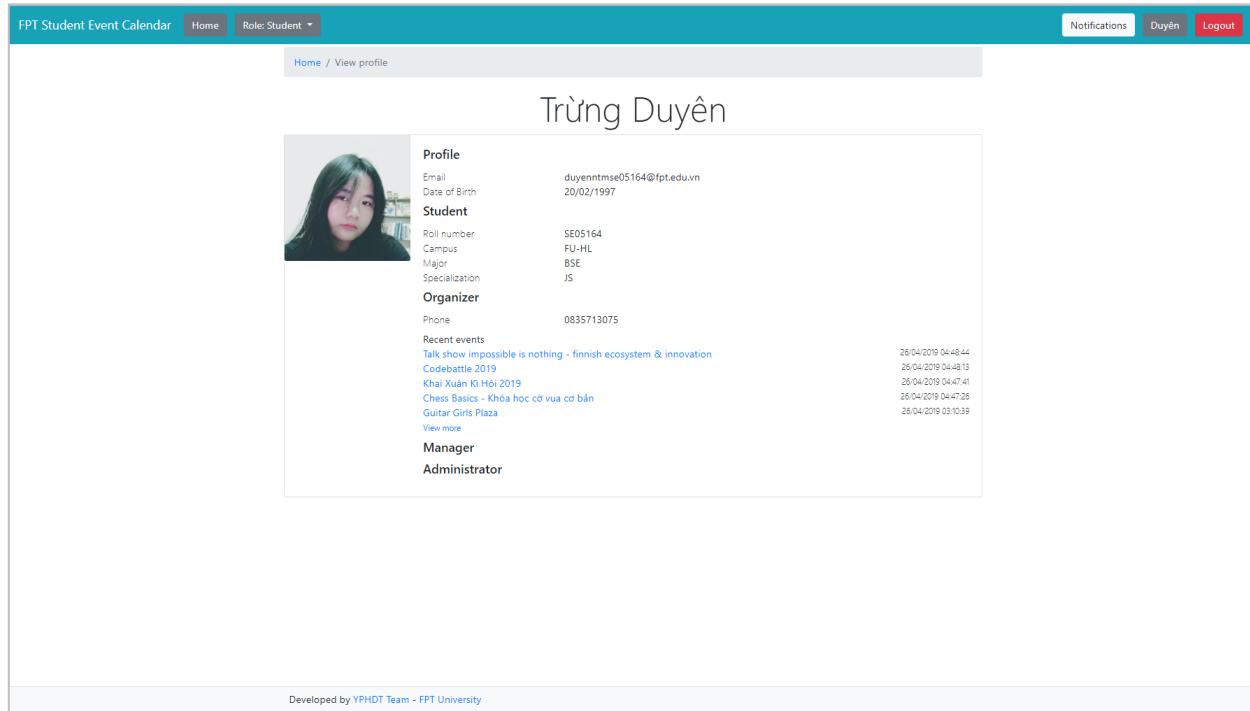
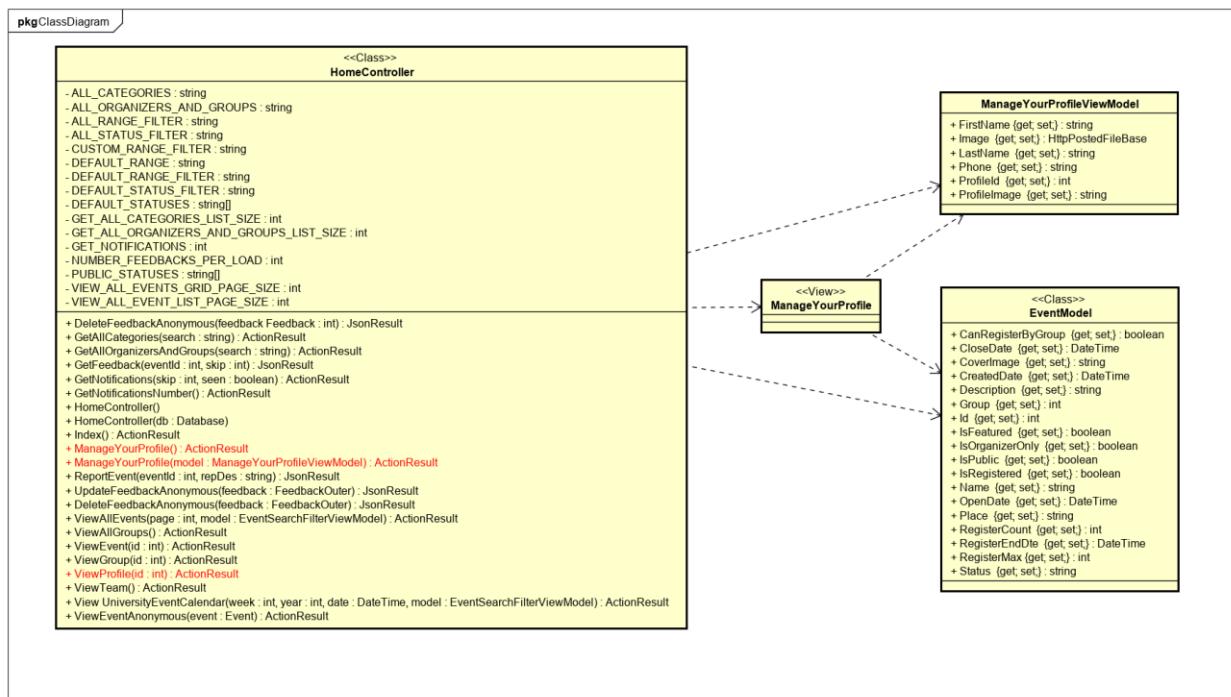
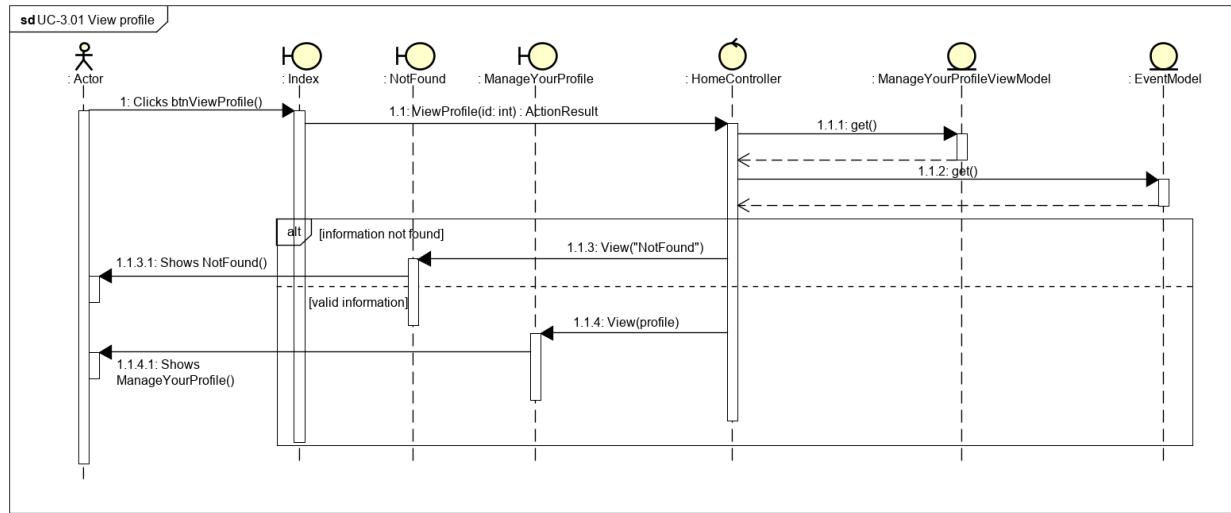


Table 31. View profile screen

Class Diagram



Sequence Diagram



3.2.3.2. Update profile プロファイル編集

Screen Design

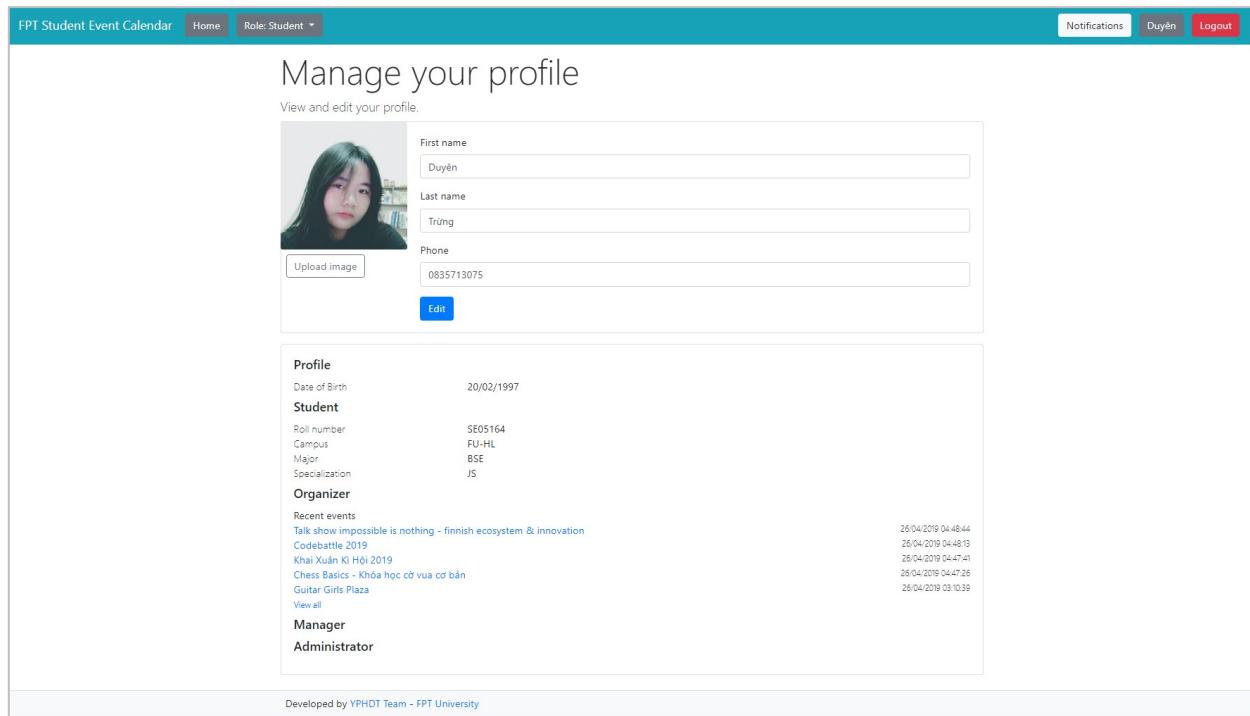
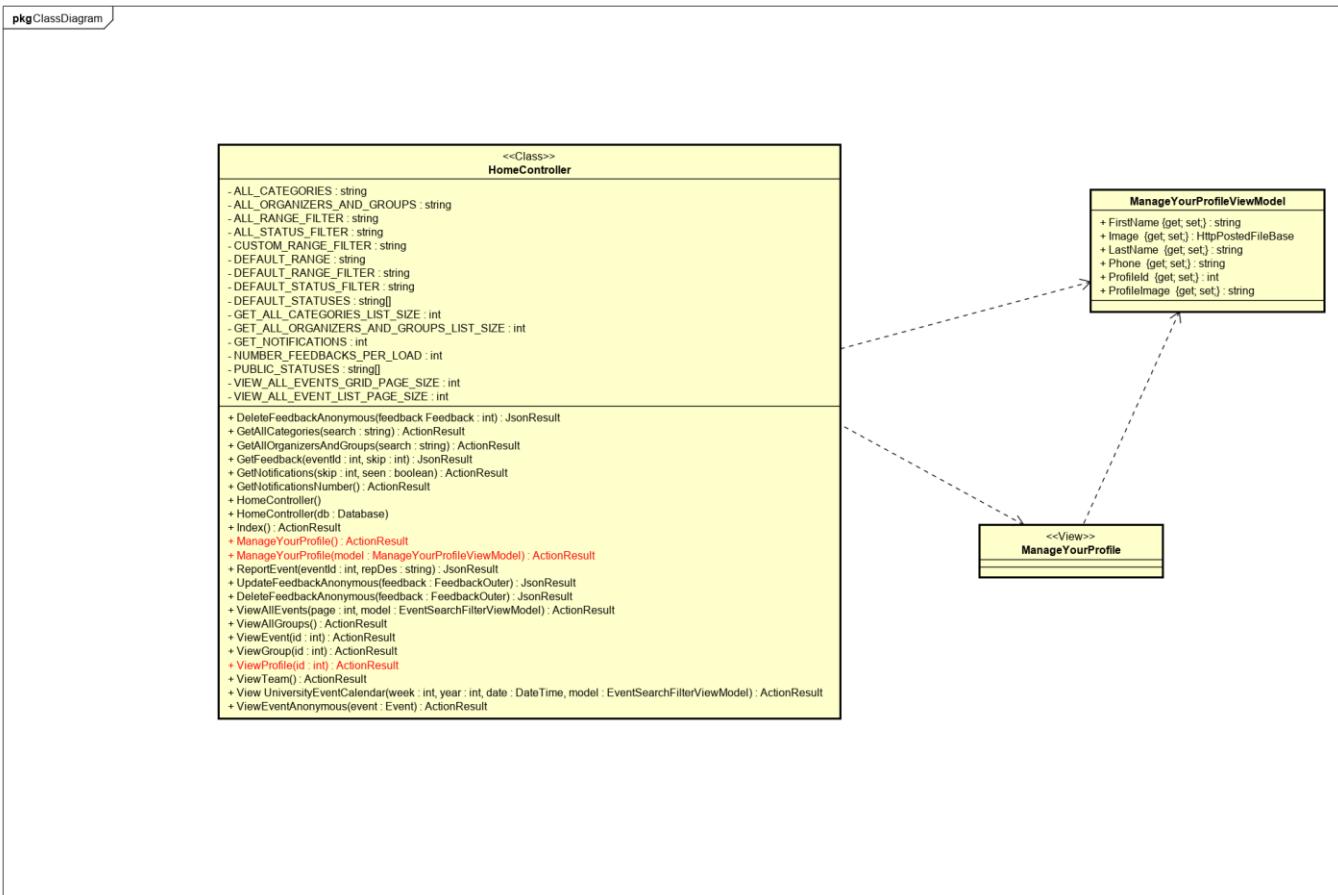
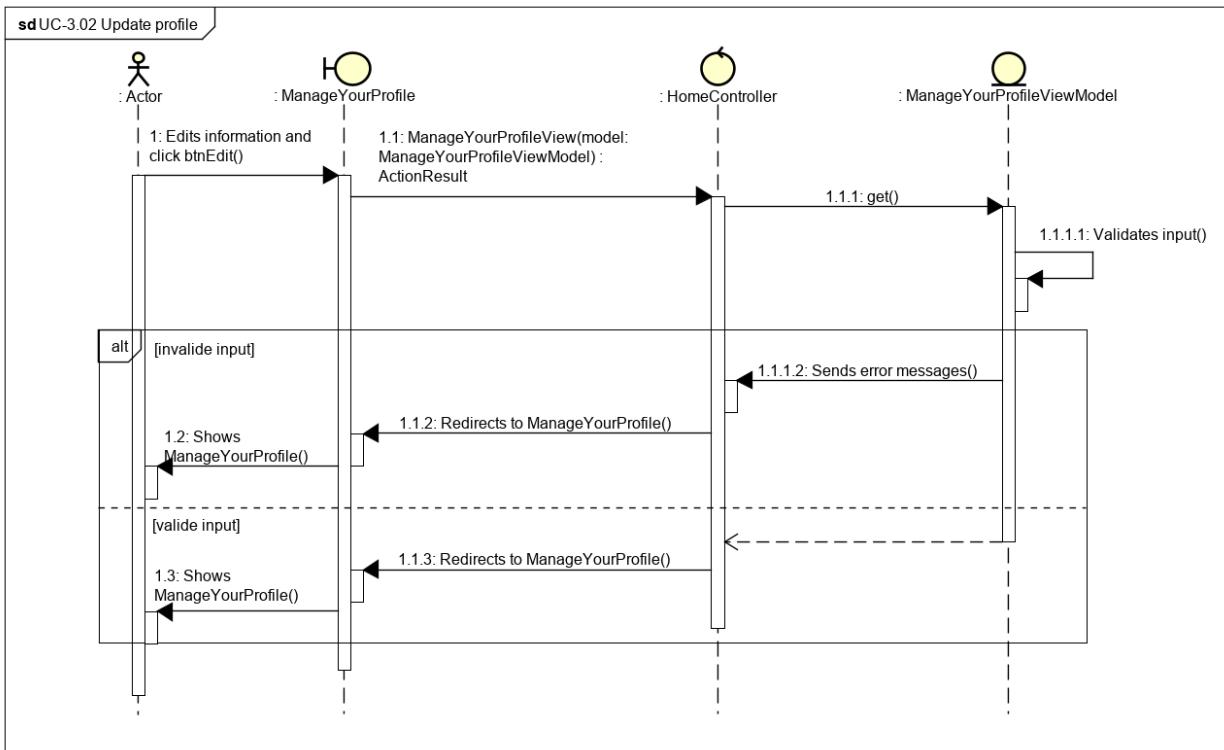


Table 32. Update profile screen

Class Diagram



Sequence Diagram



3.2.4. View event イベント閲覧

3.2.4.1. View registered event 登録済みイベントの閲覧

Screen Design

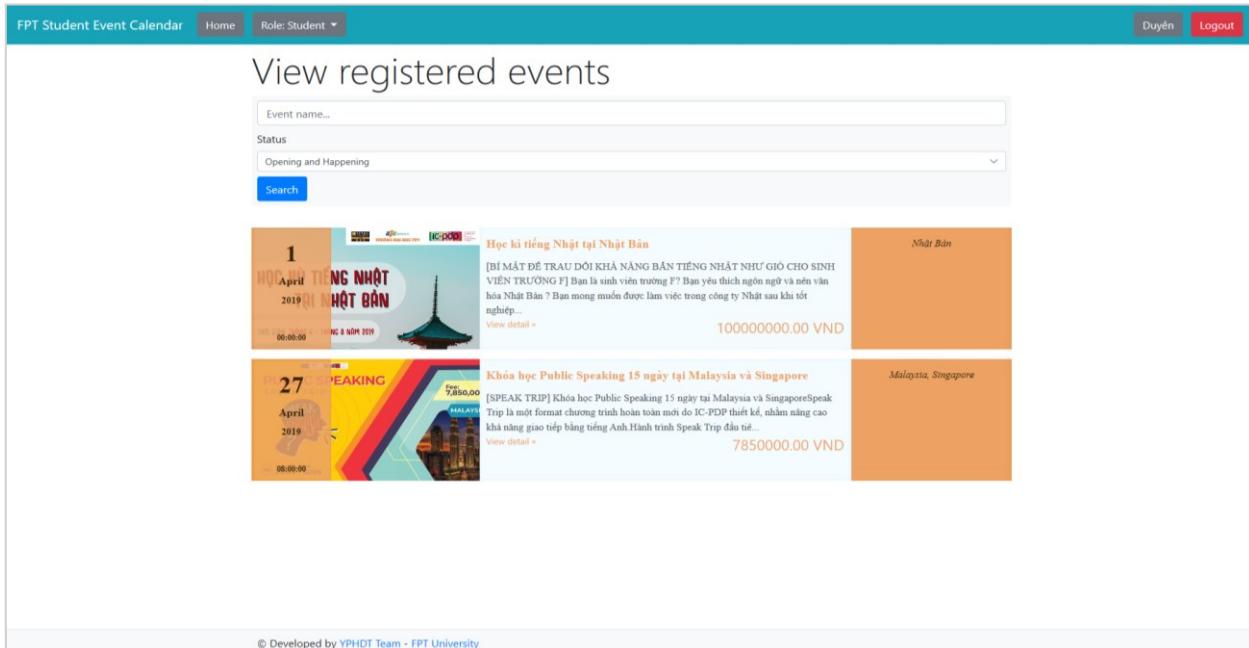
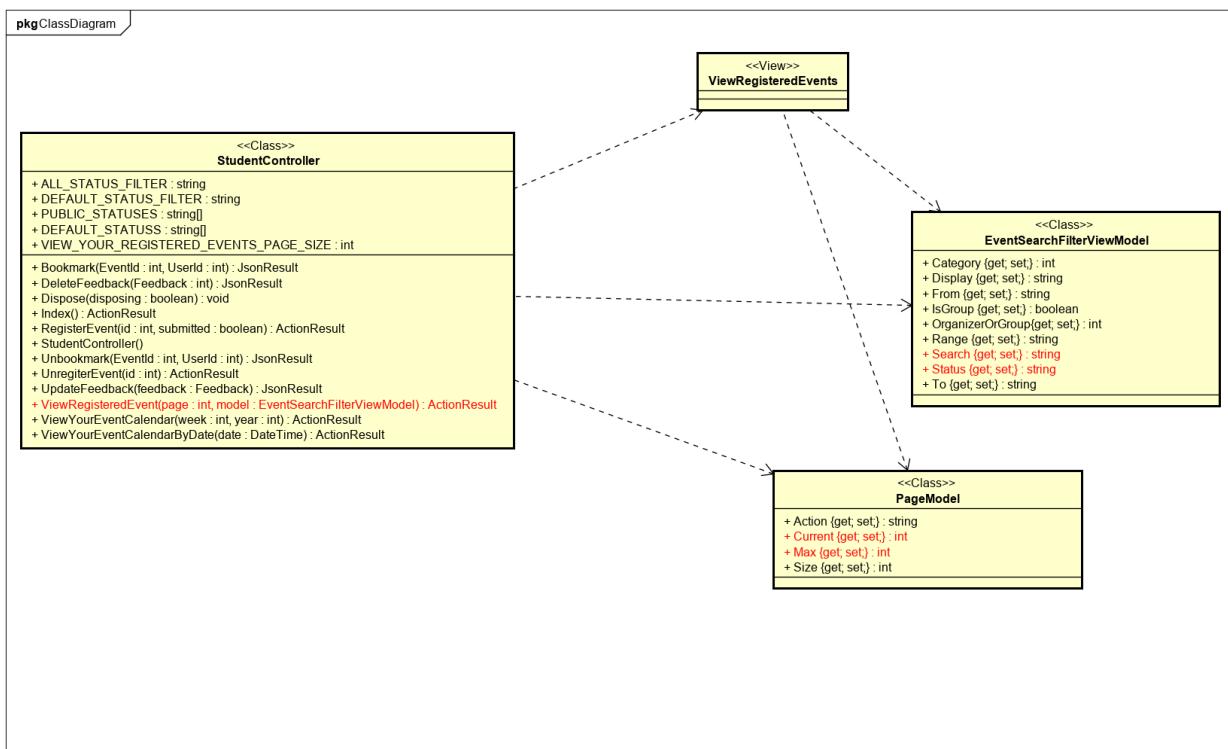
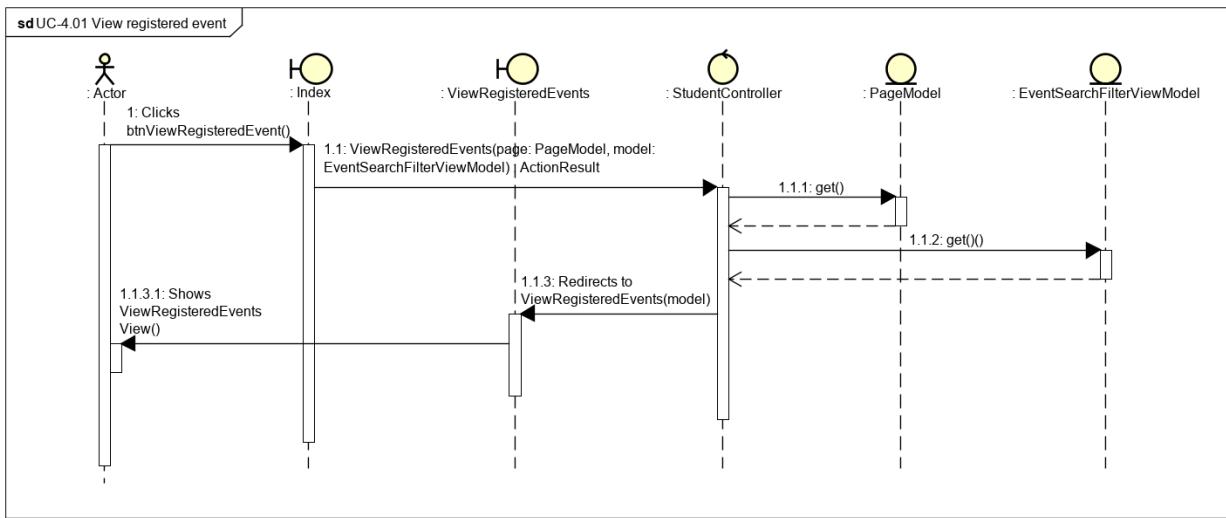


Figure 29. View registered events screen

Class Diagram



Sequence Diagram



3.2.4.2. Search registered event 登録済みイベントの検索

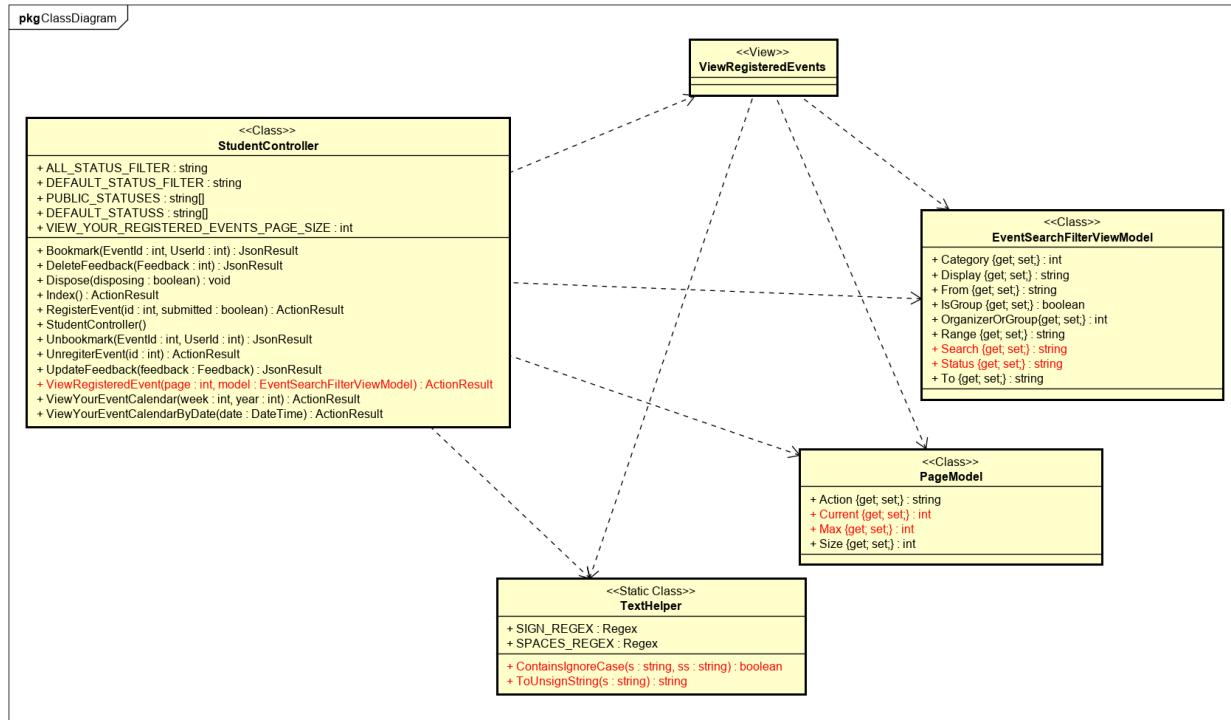
Screen Design

The screen design shows a search interface with the following elements:

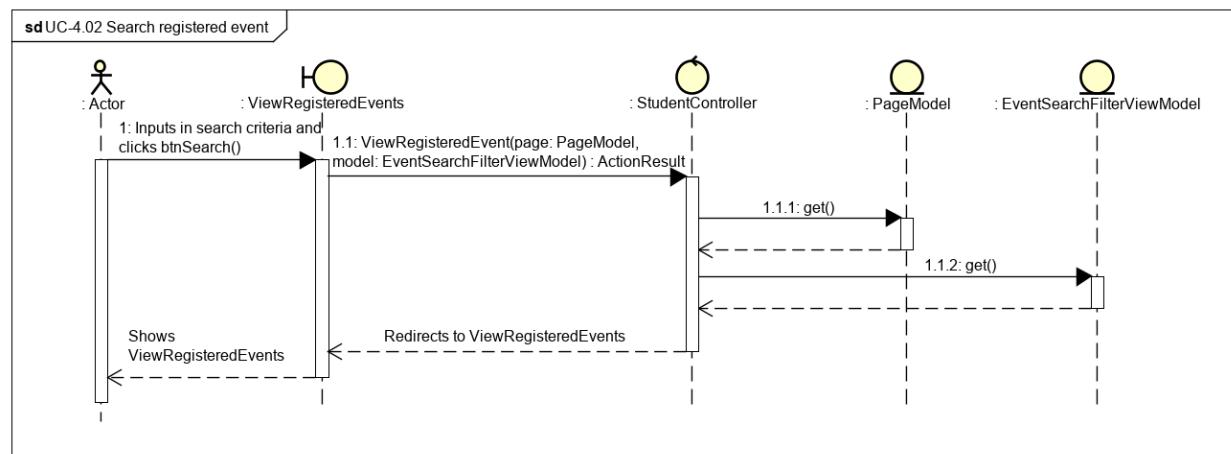
- A text input field labeled "Event name...".
- A dropdown menu labeled "Status" containing the option "Opening and Happening".
- A blue "Search" button.

Figure 30. Search registered event

Class Diagram



Sequence Diagram



3.2.4.3. View own calendar 個人用イベントカレンダーの閲覧

Screen Design

The screenshot shows a weekly calendar for the week of November 19 to November 25, 2018. The calendar grid has columns for Monday through Sunday. A red box highlights an exam entry in the Monday slot:

Exam FE JPD111 in HB/204L 07:30 - 10:30

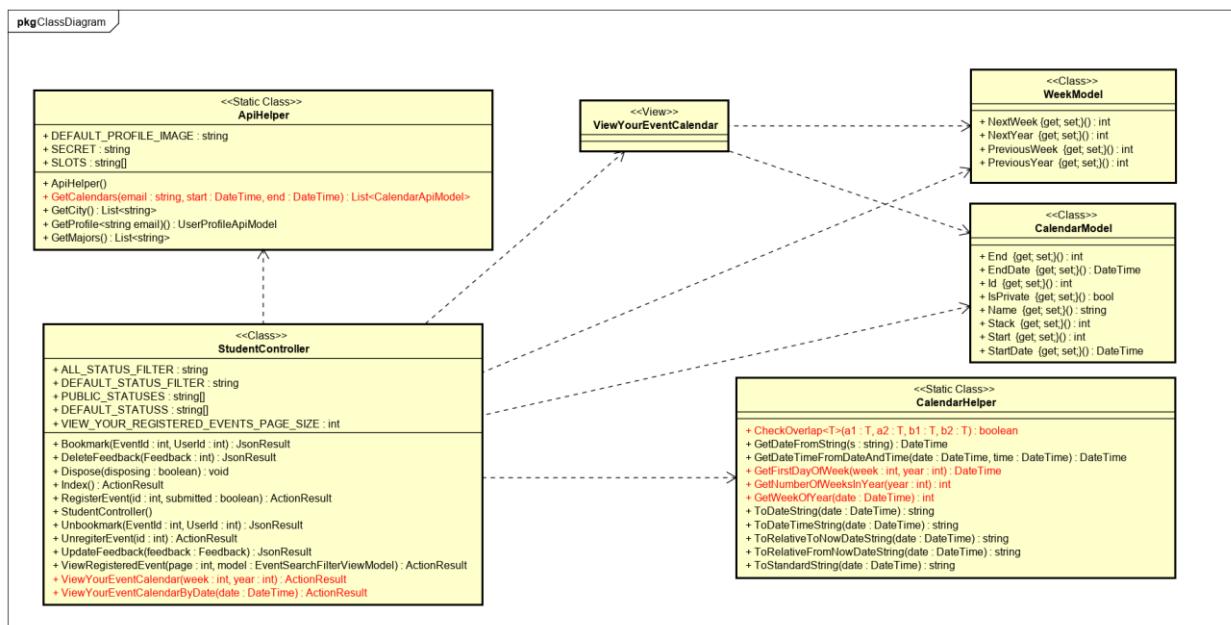
Other visible events include:

- Miss FPTU Hà Nội - Ngày Hiển Chương Nhà Giáo Việt Nam 2018 07:00 - 08:30** (Wednesday)
- Exam FE MAS291 in P217 08:10 - 10:40** (Wednesday)
- Exam FE VNR201 in P210 10:50 - 12:20** (Wednesday)
- Exam FE SWM301 in P214 10:50 - 12:20** (Friday)
- Exam FE DBI202 in P210 14:30 - 16:00** (Friday)
- FPT Educamp 2018 - Trưởng học 4.0 08:30 - 16:30** (Sunday)

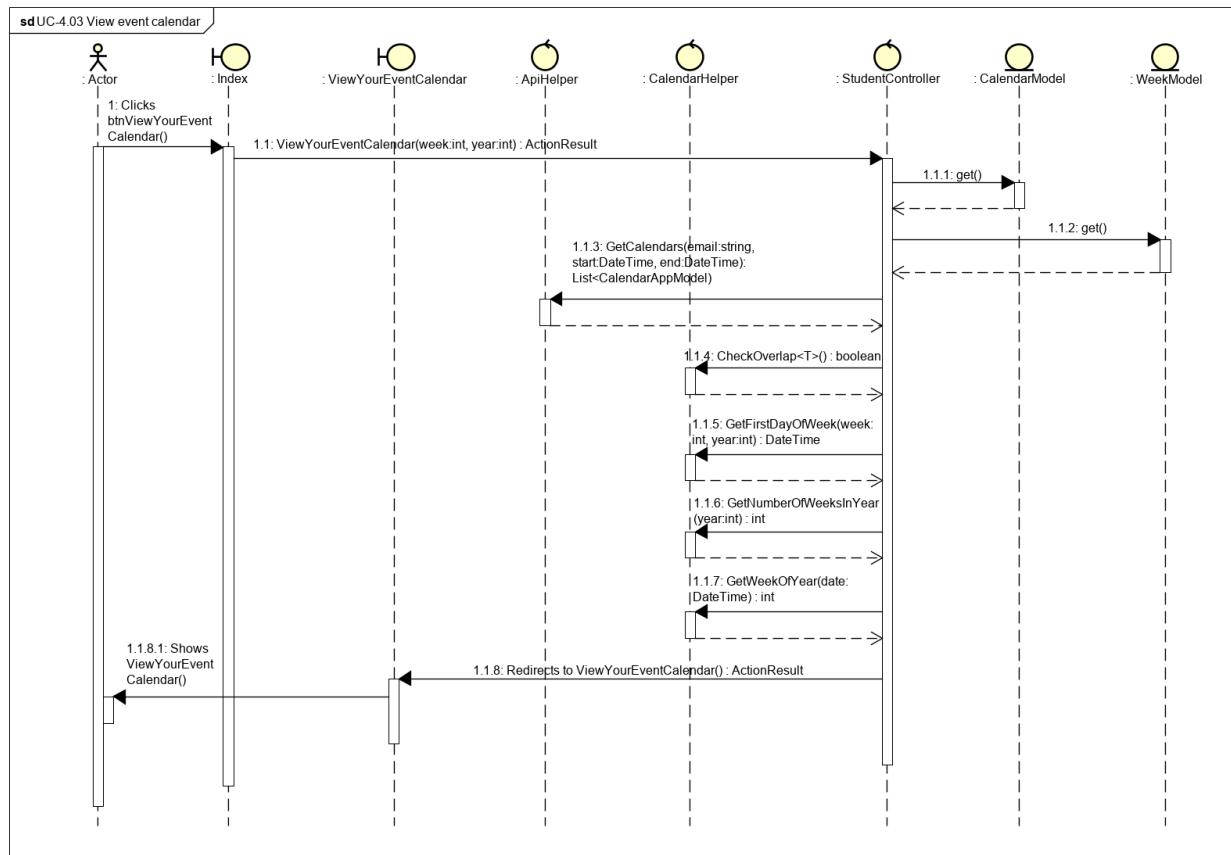
The calendar also lists other events like 'VIETNAM SALES AND MARKETING CAMP 2018 23/11/2018 08:30 - 24/11/2018 18:30'.

Table 33. View own calendar screen

Class Diagram



Sequence Diagram



3.2.4.4. View event calendar イベントカレンダーの閲覧

Screen Design

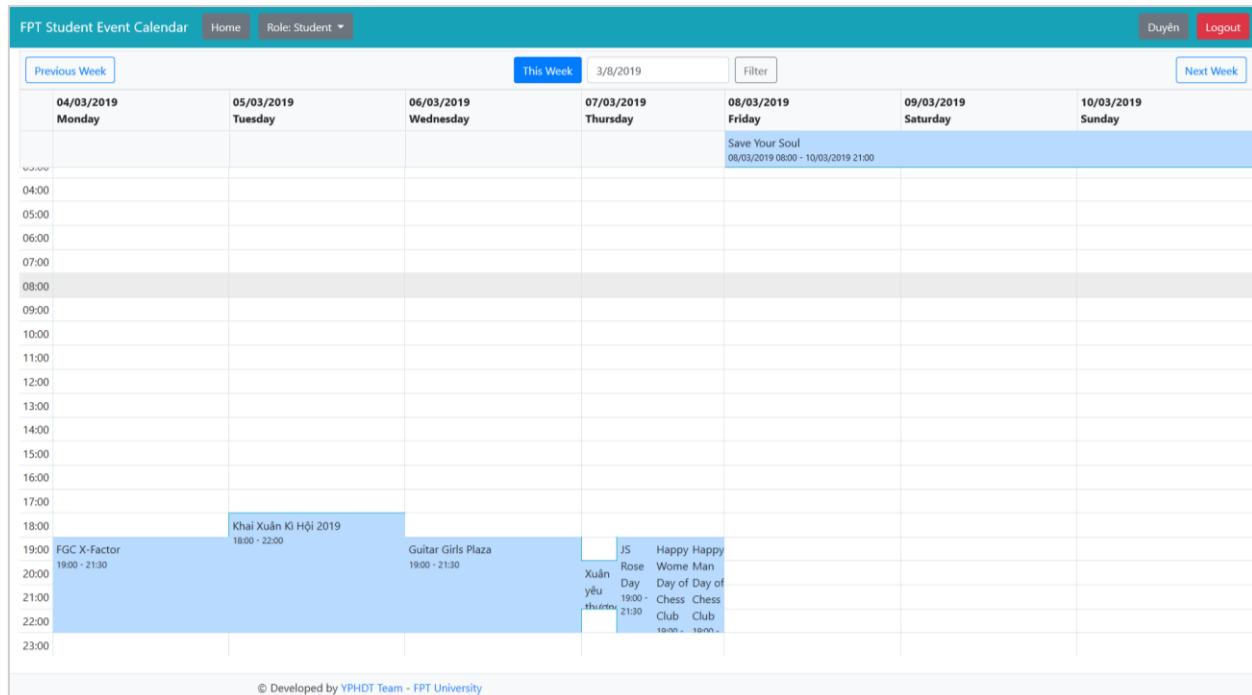
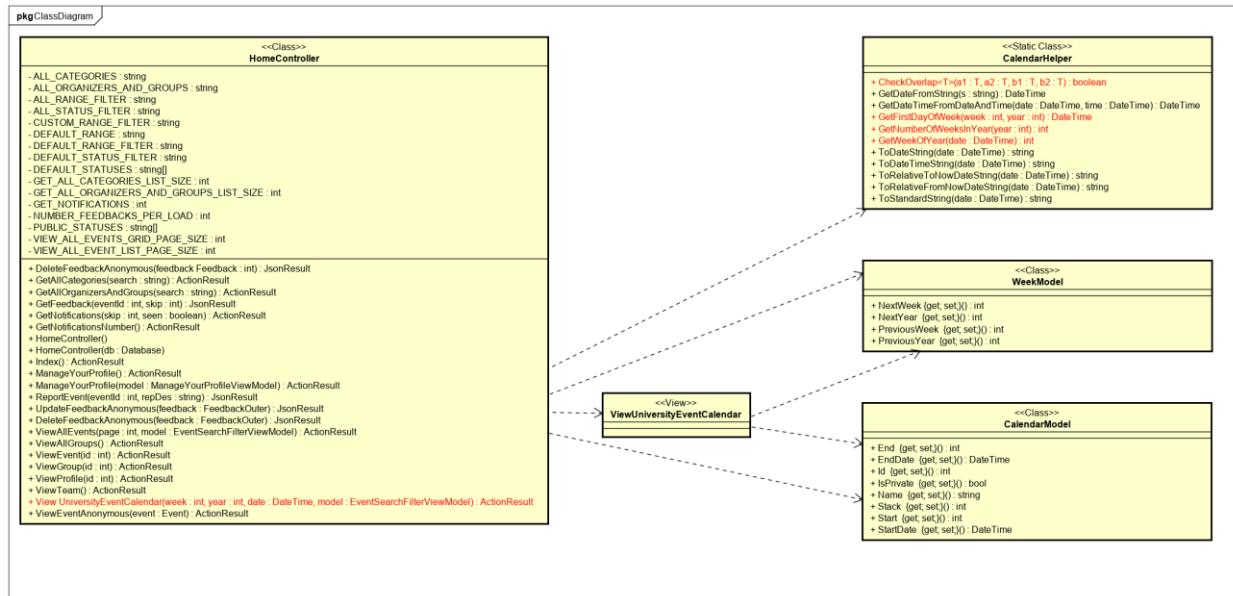
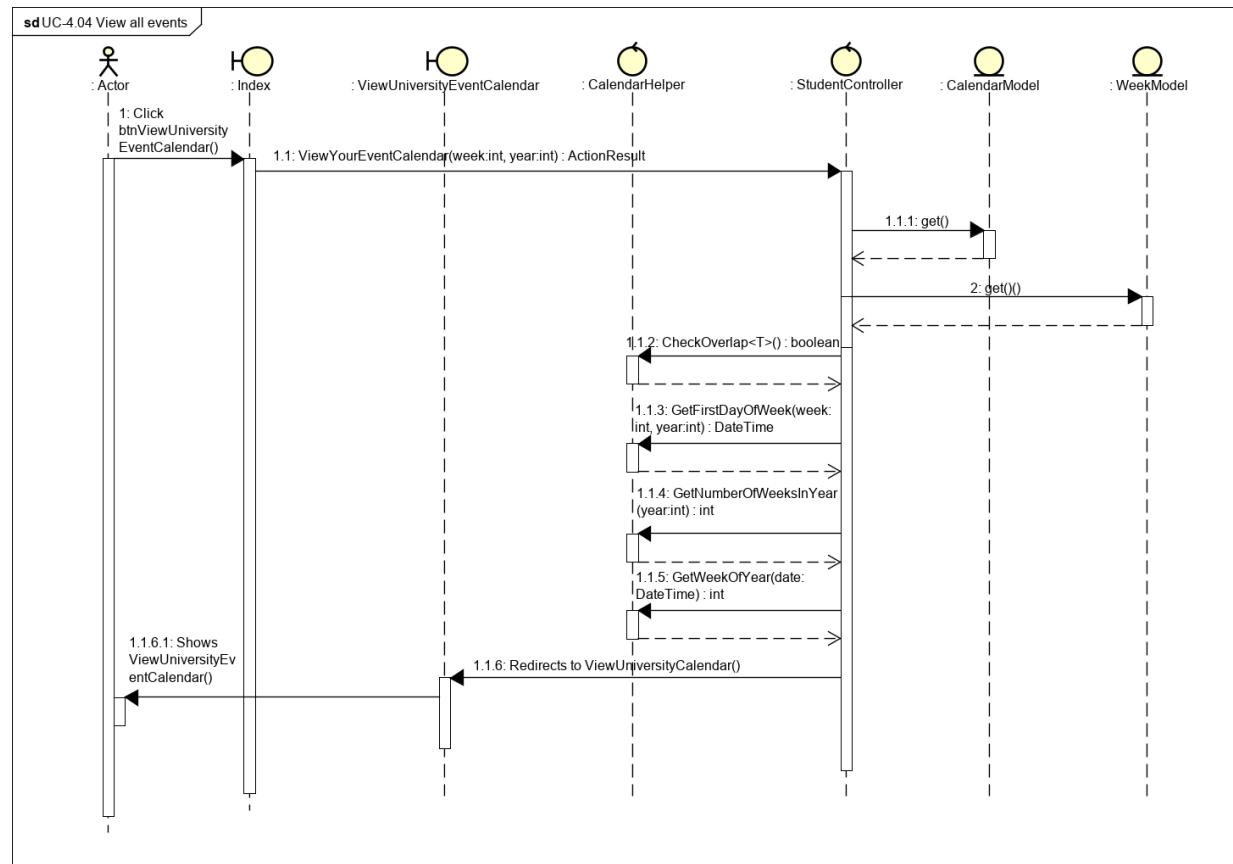


Figure 31. View university calendar screen

Class Diagram



Sequence Diagram



3.2.4.5. View all events 全イベントの閲覧

Screen Design

View all events

Event name...

Category	Organized by	
All categories	All organizers and groups	
Status	Range	Display
All	All	Custom Grid List

Search:

Featured

Học Kỳ Trao Đổi Tại Đại Học Kanto Gakuin - Nhật Bản

ĐĂNG KÝ TRAO ĐỔI TẠI ĐẠI HỌC KANTO GAKUIN - NHẬT BẢN JrTọa lạc tại thành phố cảng Yokohama, thủ phủ tỉnh Kanagawa, trường Đại học Kanto Gakuin được biết đến như một trong những trường đại học tư thục tốt nhất của tỉnh Kanagawa nổi tiếng và có đất nước Nhật Bản nổi tiếng trong suốt hơn 100 năm hình thành và phát triển. Ngôi trường chất lư...

Opening

From 27/08/2019 05:59:00 To 24/12/2019 05:59:00

Kanto, Japan

By Trung Duyên

[View event](#) [Register event](#)

Khoa học Public Speaking 15 ngày tại Malaysia và Singapore

[SPEAK TRIP] Khóa học Public Speaking 15 ngày tại Malaysia và Singapore Speak Trip là một format chương trình hoàn toàn mới do IC-PDP thiết kế, nhằm nâng cao khả năng giao tiếp bằng tiếng Anh. Hành trình Speak Trip đầu tiên với chủ đề Public Speaking sẽ tập trung vào trau dồi kỹ năng nói trước đám đông, khả năng vận dụng tiếng Anh trong thực tiễn...

Opening

From 27/04/2019 08:00:00 To 12/05/2019 21:30:00

Malaysia, Singapore

By Trung Duyên

[View event](#) [Unregister event](#)

[HÀNH TRÌNH THỦ LĨNH] Outsmart Outlast Survival Camp 2019

[HÀNH TRÌNH THỦ LĨNH] Outsmart Outlast Survival Camp 2019Học kỳ SPRING 2019 này, phòng Họp Quốc tế và Phát triển Cá nhân IC-PDP tiếp tục đồng hành cùng tất cả các ban BAN CHỦ NHÌM đến với những trải nghiệm mới, cùng khám phá và mang đến những thử thách mang tính chất sinh tồn để thách thức kỹ năng của mỗi leader. Ngoài ra, đây cũng là...

Opening

From 20/04/2019 07:30:00 To 21/04/2019 19:30:00

Sơn Tinh Camp

By Trung Duyên

[View event](#) [Register event](#)

Talk show impossible is nothing - finnish ecosystem & innovation

Bạn có muốn gặp gỡ người đã sáng tạo ra game Angry Bird? Bạn muốn khởi nghiệp nhưng chưa biết bắt đầu từ đâu? Bạn muốn nghe các chuyên gia dẫn dắt và bổ sung thêm kinh nghiệm cho mình? Hãy đến với TALK SHOW IMPOSSIBLE IS NOTHING - FINNISH ECOSYSTEM & INNOVATION ...

Opening

From 09/04/2019 13:00:00 To 09/04/2019 14:30:00

Phòng 102R – 10R nhà Alpha, Đại học FPT

By Trung Duyên

[View event](#)

JS1102 Teambuilding

Đây là chuyến đi chơi vui vẻ của JS1102 nhé...

Closed

From 15/04/2019 23:18:00 To 15/04/2019 23:20:00

Sân bóng, DH FPT, Hòa Lạc

By Trung Duyên
As JS1102 Class

[View event](#)

Học Kỳ Tiếng Nhật Tại Nhật Bản

[BÍ MẬT ĐỂ TRAO ĐỔI KHÁ NĂNG BẢN TIẾNG NHẬT NHƯ GIỐ CHO SINH VIÊN TRƯỜNG F] Bạn là sinh viên trường F bạn yêu thích ngôn ngữ và nền văn hóa Nhật Bản ? Bạn mong muốn được làm việc trong công ty Nhật sau khi tốt nghiệp? Vậy thi chương trình + Học tiếng Nhật tại Nhật Bản – Japanese in Japan = chính là một cơ hội tuyệt vời dành cho bạn. Chương trì...

Closed

From 11/04/2019 18:30:00 To 11/04/2019 21:30:00

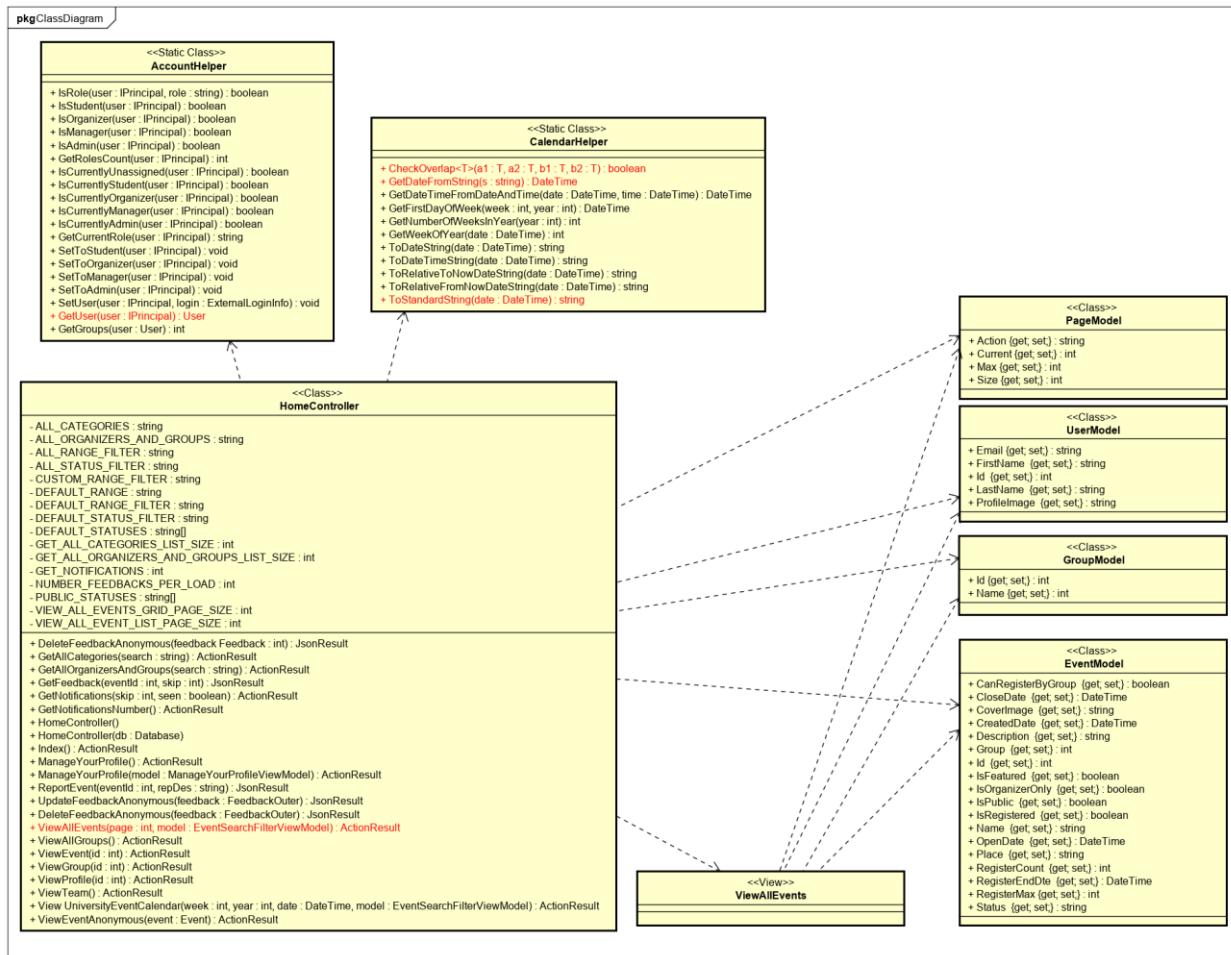
Nhà thi đấu Cầu Giấy, 35 Trần Quý Kiên, Dịch Vọng, Cầu Giấy, Hà Nội

By Trung Duyên

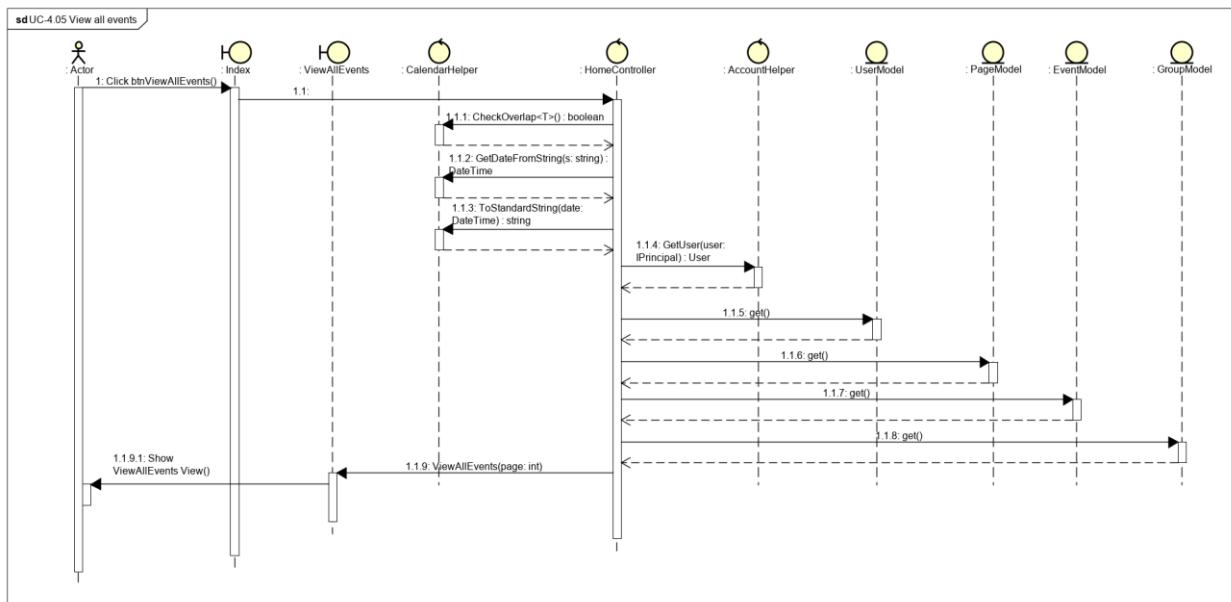
[View event](#)

Figure 32. View all events screen

Class Diagram



Sequence Diagram



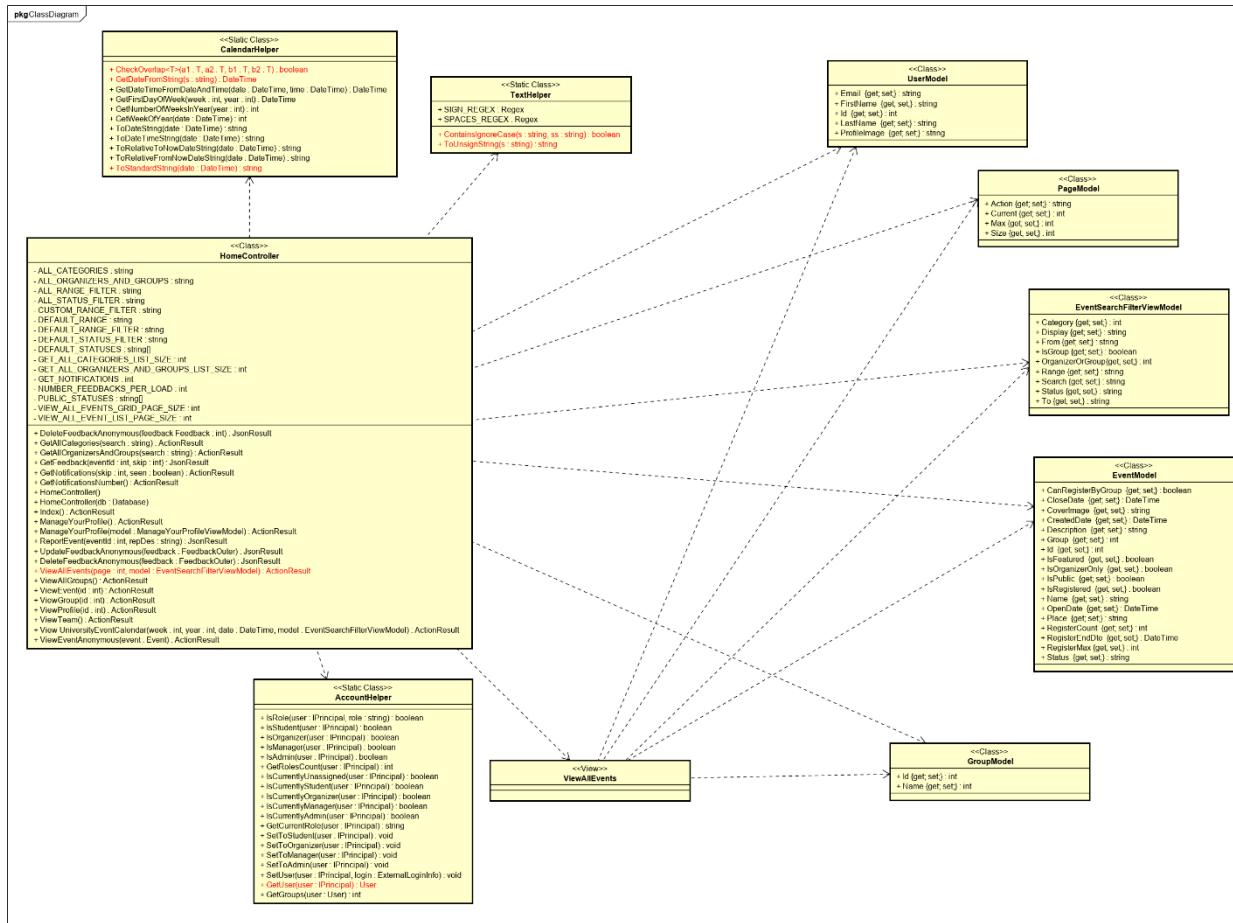
3.2.4.6. *Search event* イベント検索

Screen Design

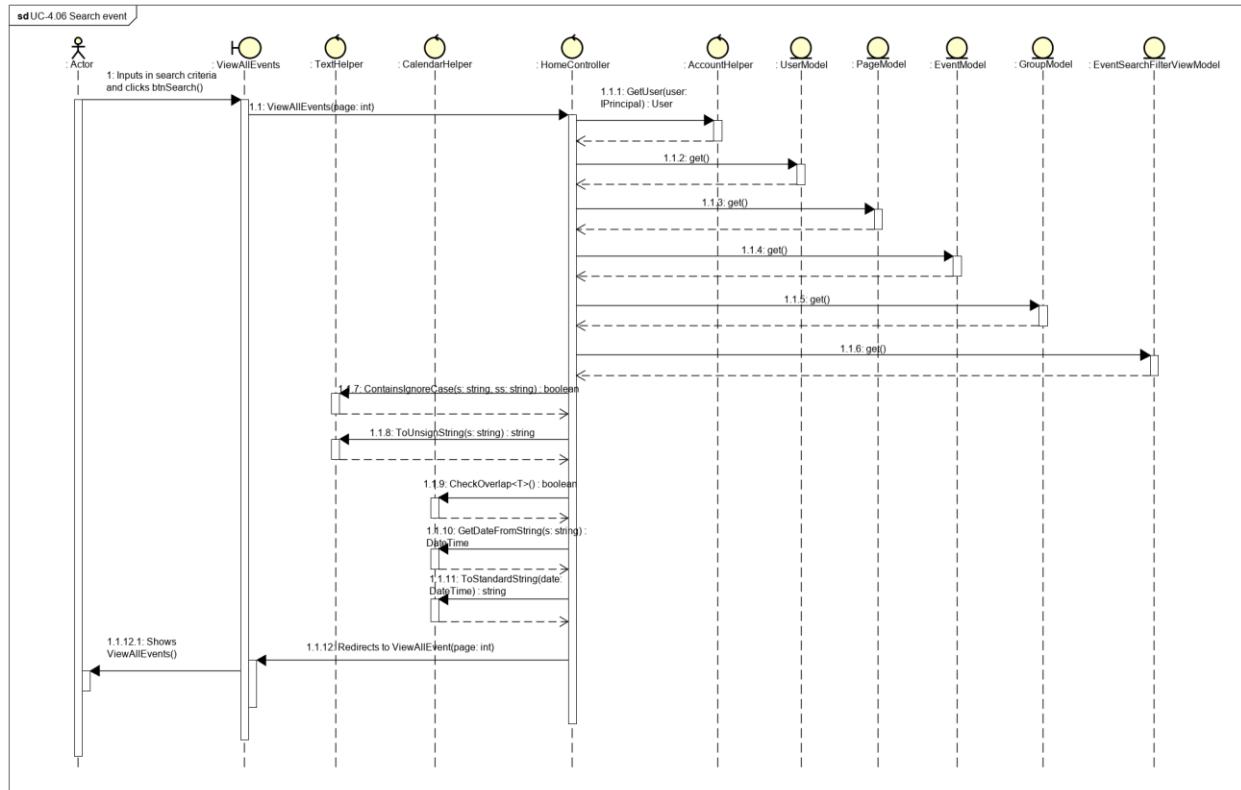
Event name...		
Category	Organized by	
All categories ▾	All organizers and groups ▾	
Status	Range	Display
All	All	Custom ▾ Grid List
Search		

Figure 33. Search and filter of events screen

Class Diagram



Sequence Diagram



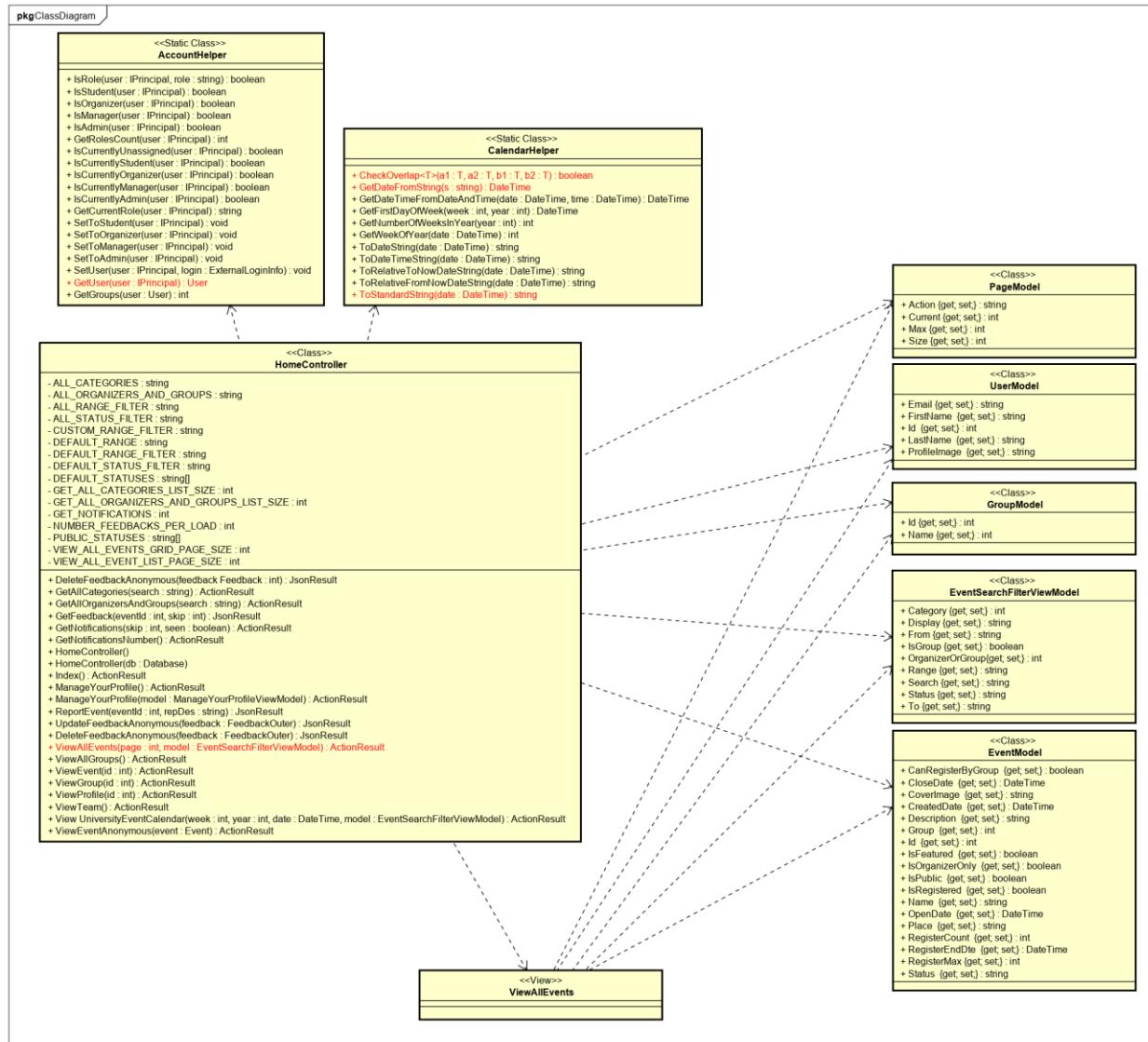
3.2.4.7. Filter event イベント絞り込み

Screen Design

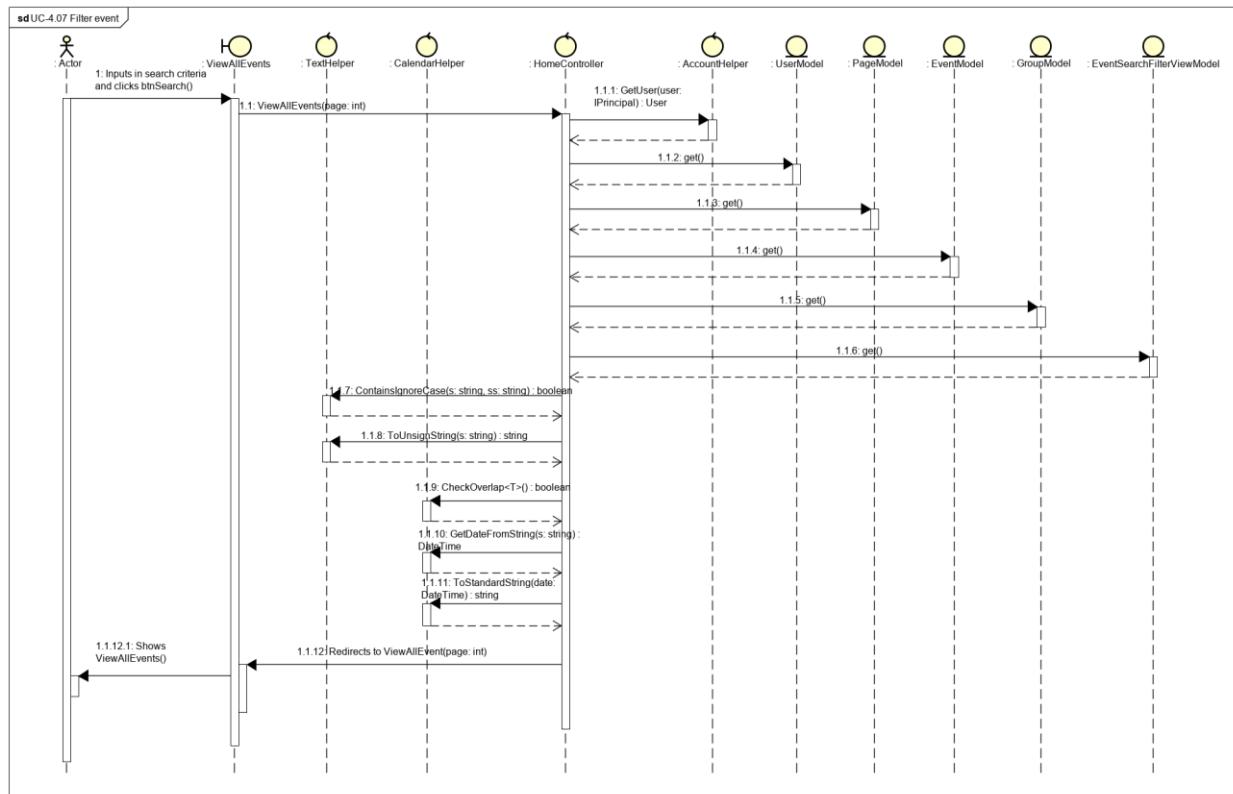
Event name...	Category	Organized by
	All categories ▾	All organizers and groups ▾
Status	Range	Display
All	All	Custom ▾ Grid List
Search		

Table 34. Search and filter of events screen

Class Diagram



Sequence Diagram



3.2.4.8. *Search suggestion おすすめ検索*

Screen Design

View all events

Category

Organized by

All

Featured

関東学院大学

Học Kỳ Trao Đổi Tại Đại Học Kanto Gakuin - Nhật Bản

HỌC KỲ TRAO ĐỔI TẠI ĐẠI HỌC KANTO GAKUIN - NHẬT BẢN ↗
Tọa lạc tại thành phố cảng Yokohama 🏙️, thủ phủ tỉnh Kanagawa, trường Đại học Kanto Gakuin được biết đến như một trong những trường đại học tư thục tốt nhất của tỉnh Kanagawa nói riêng và của đất nước Nhật Bản nói chung trong suốt hơn 100 năm hình thành và phát triển 🎉. Ngôi trường chất lư...

Opening	From 27/08/2019 05:59:00 To 24/12/2019 05:59:00
Location	Kanto, Japan

All organizers and groups

Organizers

- yenltse04823@fpt.edu.vn
- thanglvse04854@fpt.edu.vn
- phuongnmse05113@fpt.edu.vn
- huongdlse05123@fpt.edu.vn
- duyenntmse05164@fpt.edu.vn

Groups

- Câu lạc bộ No Shy
- Phòng phát triển cá nhân
- Phòng công tác sinh viên SRO
- Câu lạc bộ Cóc Đọc và Những người bạn giao tiếp bằng tiếng Anh
- Câu lạc bộ Vì Cộng Đồng iGo

cuộc đua số

số 🏆 Thời gian: 18h30-21h00
Địa điểm: Nhà thi đấu Quý Kiên, Dịch Vọng, Cầu Giấy
hương tiện đi lại: Có xe bus miễn phí từ trung tâm thành phố đến nhà Alpha, xe taxi...

Closed

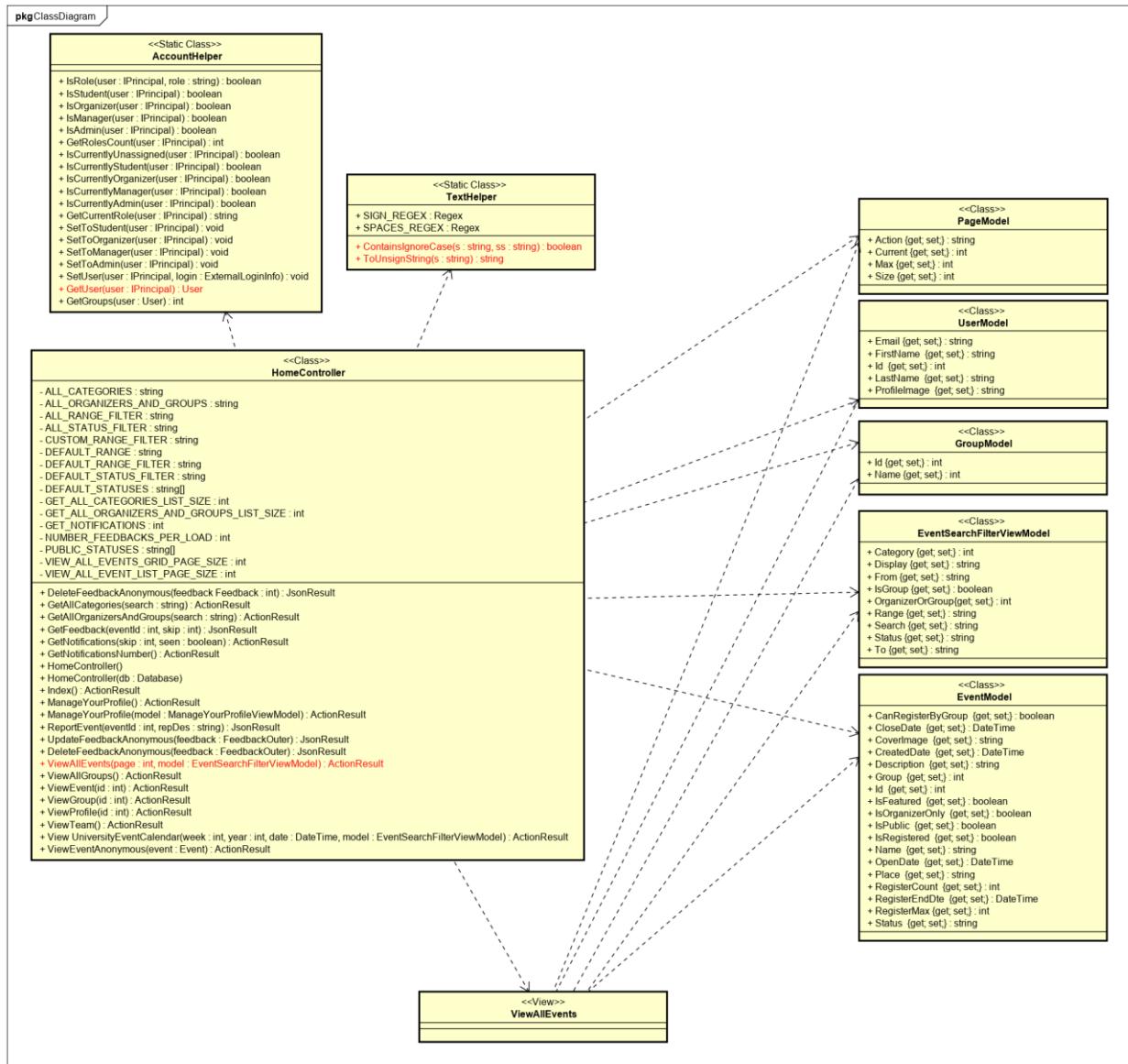
From 11/04/2019 18:30:00
To 11/04/2019 21:30:00

Nhà thi đấu Cầu Giấy, 35 Trần Quý Kiên, Dịch Vọng, Cầu Giấy, Hà Nội

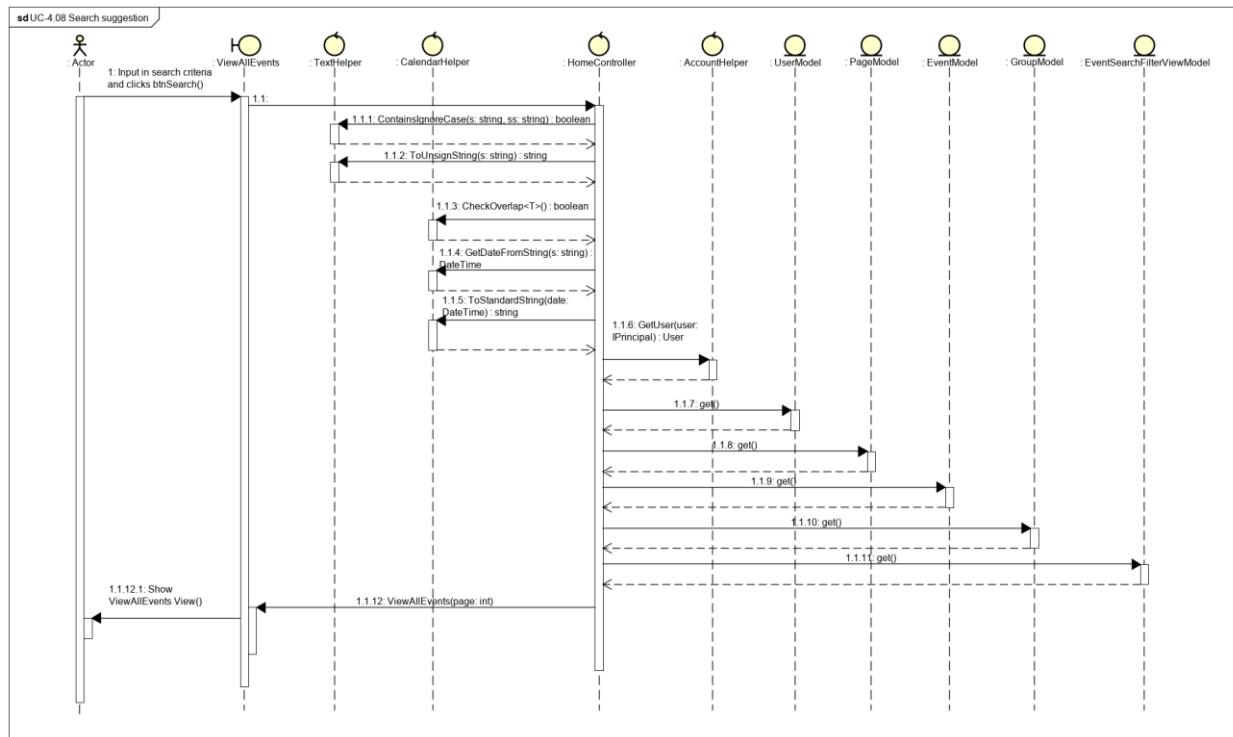
By Trừng Duyên

Figure 34. Search suggestion screen

Class Diagram



Sequence Diagram



3.2.4.9. View event detail イベント詳細の閲覧

Screen Design

Khóa học Public Speaking 15 ngày tại Malaysia và Singapore



★★★★★ by 22 people

⌚ 27/04/2019 08:00 to 12/05/2019 21:30

📍 Malaysia, Singapore

👉 Happening 7,850,000 ₫

30 people will go to this event.

[Report](#)

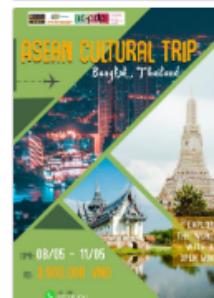
You may also like



[HÀNH TRÌNH ĐÁNG SỐNG] Trải nghiệm lao động Bắc Giang

[HÀNH TRÌNH ĐÁNG SỐNG] Trải nghiệm lao động Bắc Giang Tiếp nối những thành...

[View event](#)



Asean Cultural trip tại Bangkok, Thái Lan

Đoạn này IC-PDP liên tục nhận inbox của các bạn sinh viên đang học Little UK than thở...

[View event](#)



CHƯƠNG TRÌNH TRẠI NGHIỆM ĐẶC BIỆT KẾT HỢP GIỮA ĐẠI HỌC FPT VÀ ĐẠI HỌC INJE, HÀN QUỐC

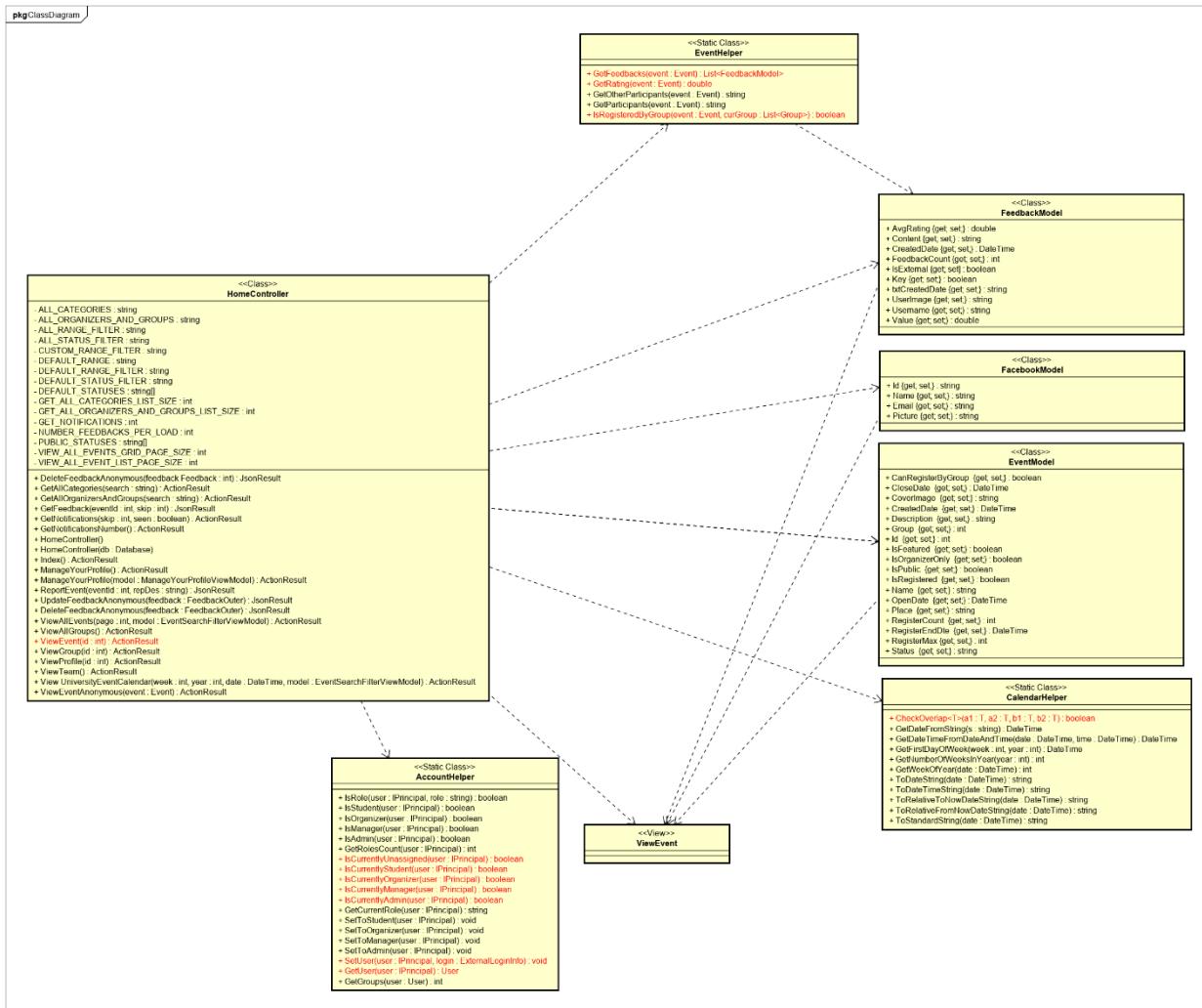
CHƯƠNG TRÌNH TRẠI NGHIỆM ĐẶC BIỆT KẾT HỢP GIỮA ĐẠI HỌC FPT VÀ ĐẠI...

[View event](#)

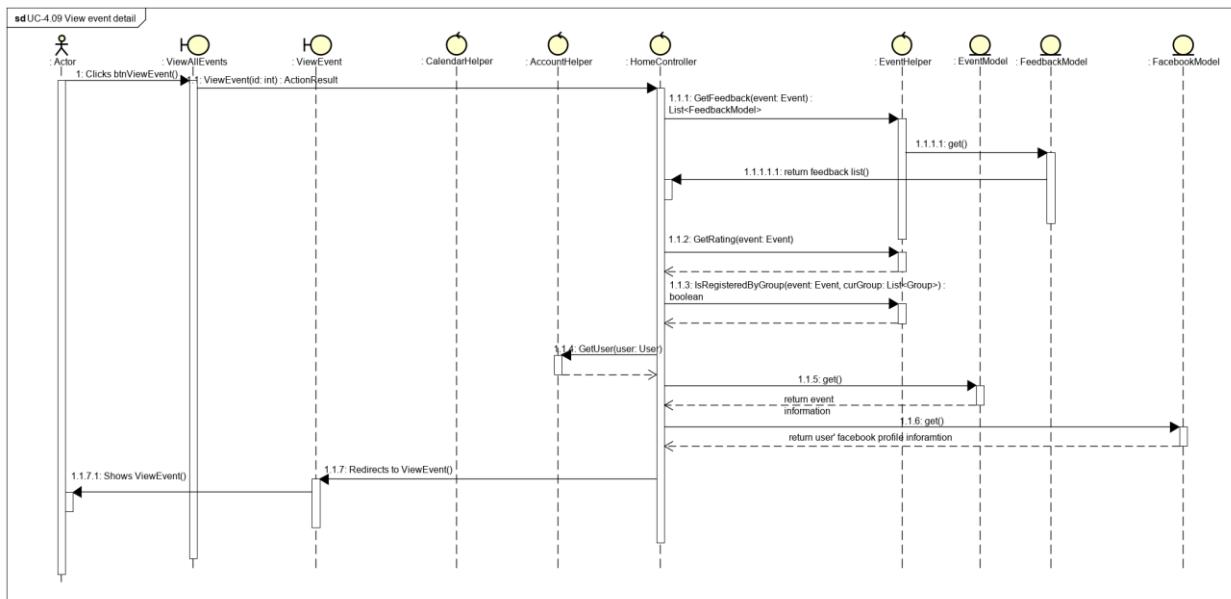


Figure 35. View event detail screen

Class Diagram



Sequence Diagram



3.2.4.10. View list feedback フィードバック一覧の閲覧

Screen Design

Feedback

Your feedback

 Duyên 4.5★ Jan 18, 2019	Update	Delete
Giải thưởng lớn quá, tiếc là mình không tham dự được :(

See what others think

 Luyện Thị Yên 2.5★ Feb 28, 2019		
Ban tổ chức không chọn nhóm mình :< cuộc thi thất bại!		

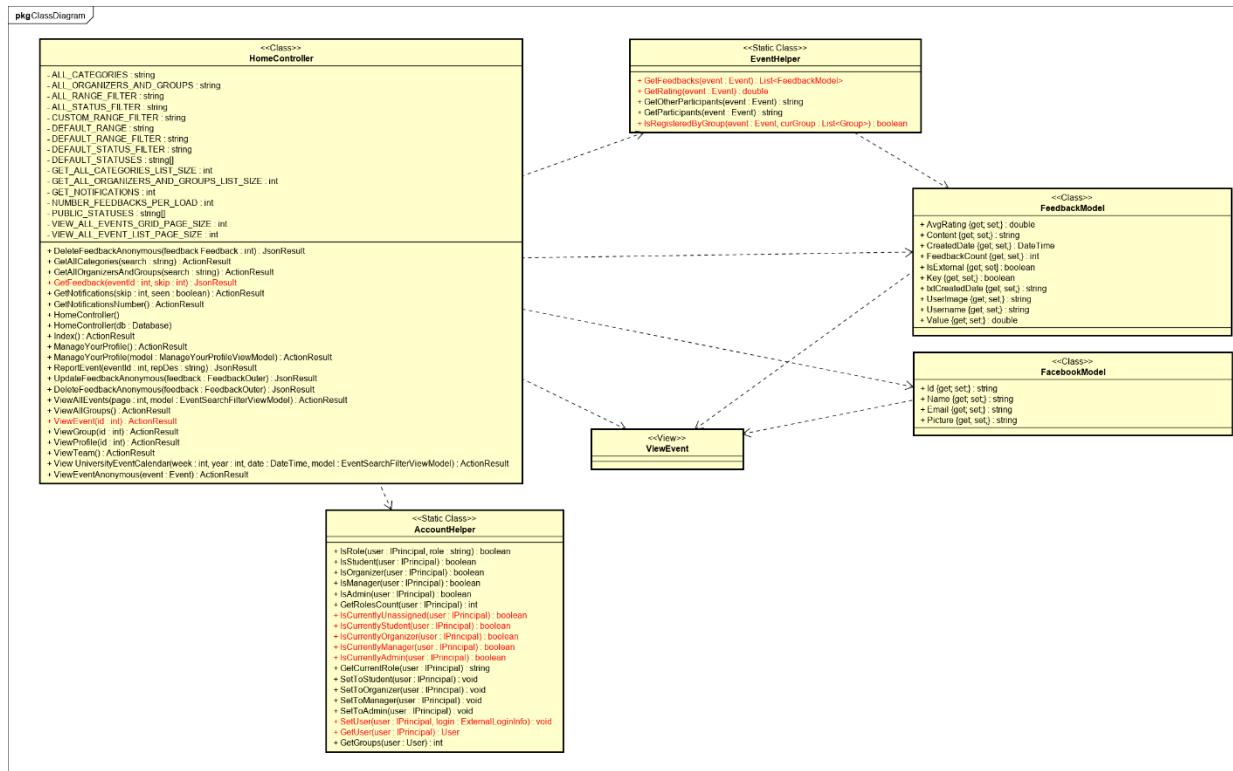
 Trừng Duyên 4.5★ Jan 18, 2019		
Giải thưởng lớn quá, tiếc là mình không tham dự được :(

 Lê Việt Thắng 5★ Jan 16, 2019		
Nhóm mình giành được giải nhất nè, hihi		

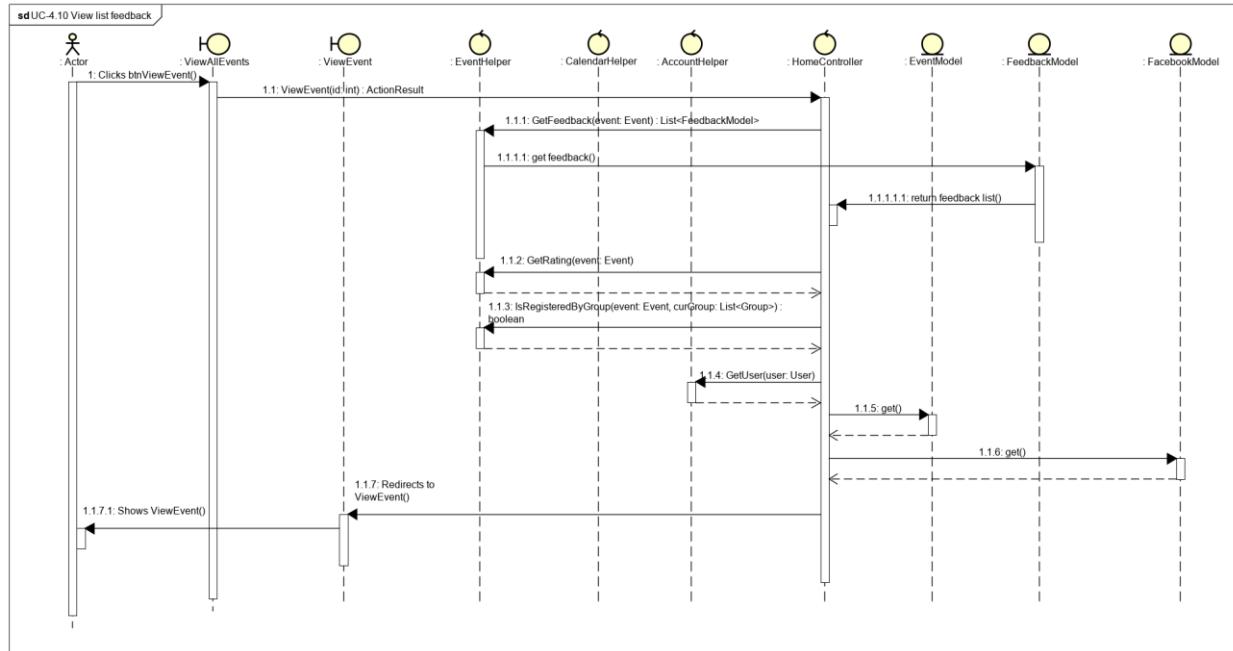
 Đinh Lan Hương 4★ Jan 16, 2019		
Chúc mừng nhóm Batah team nha!!! Ban tổ chức cũng xuất sắc lắm!!		

Figure 36. View list feedback screen

Class Diagram



Sequence Diagram



3.2.4.11. Feedback event イベントのフィードバック

Screen Design

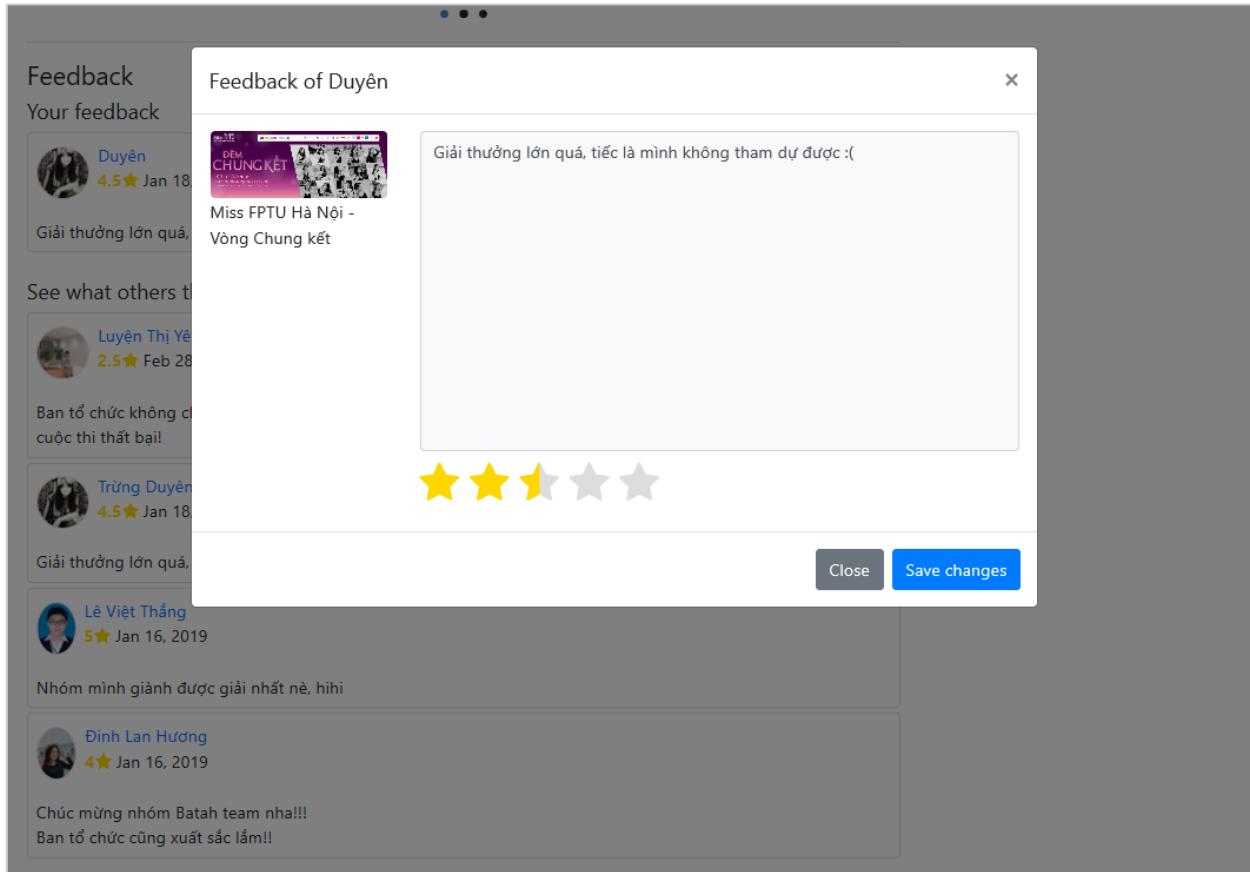
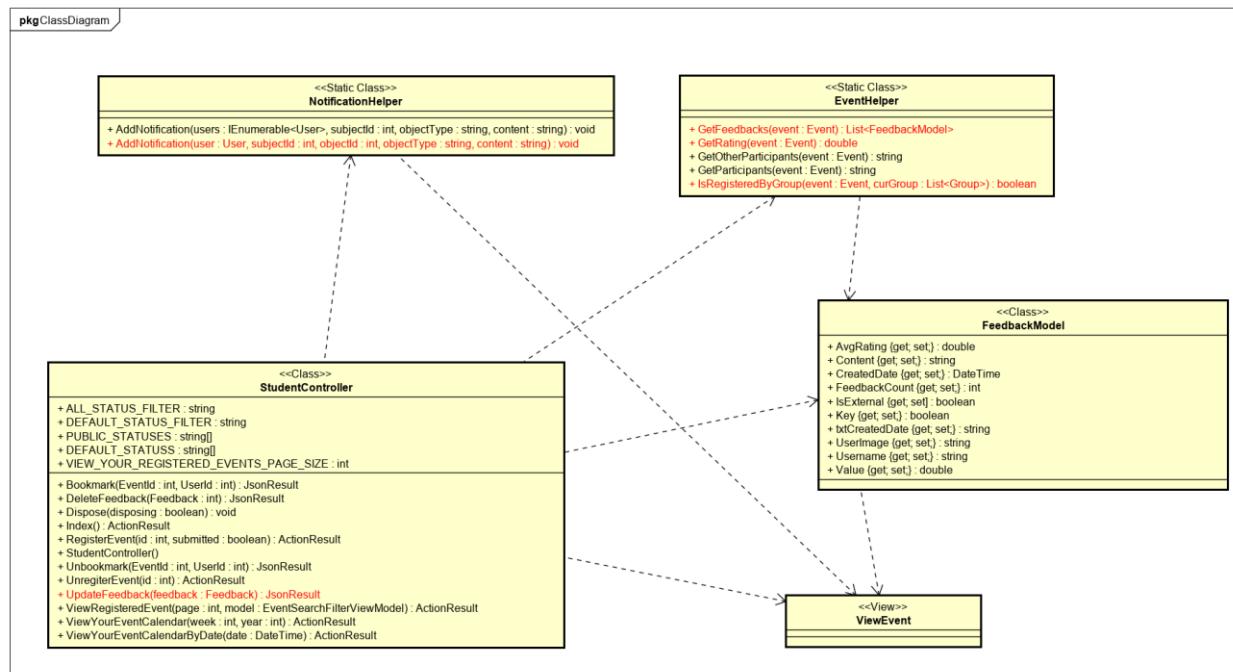
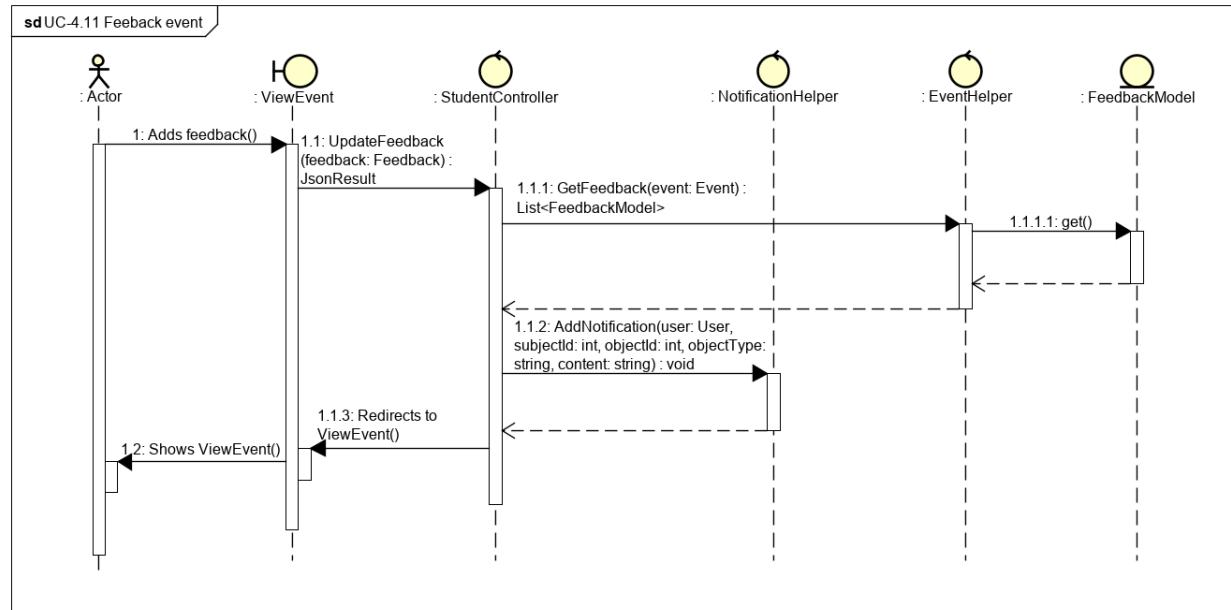


Figure 37. Feedback event screen

Class Diagram



Sequence Diagram



3.2.4.12. Delete own feedback フィードバック削除

Screen Design



Figure 38. Delete own feedback screen

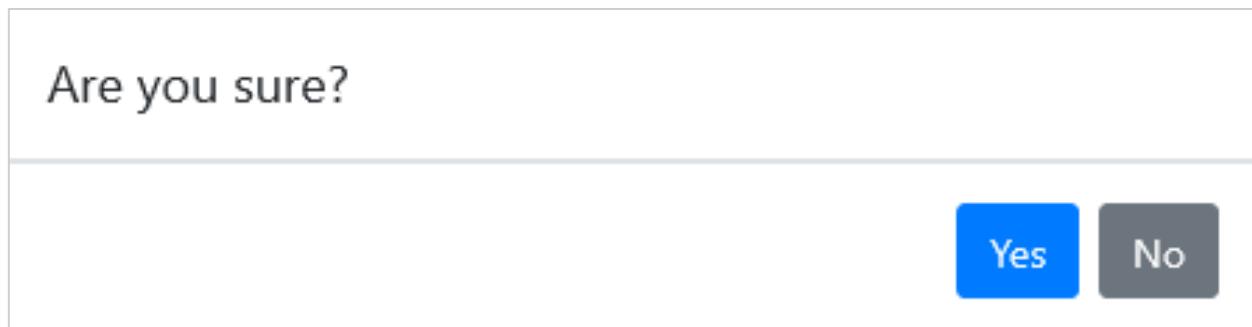
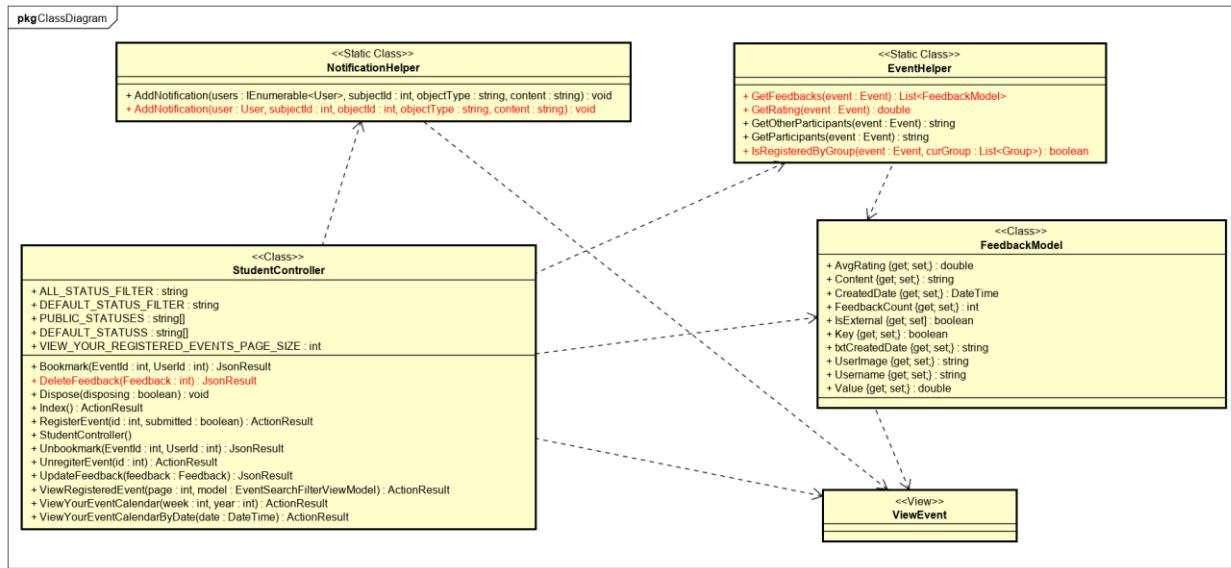
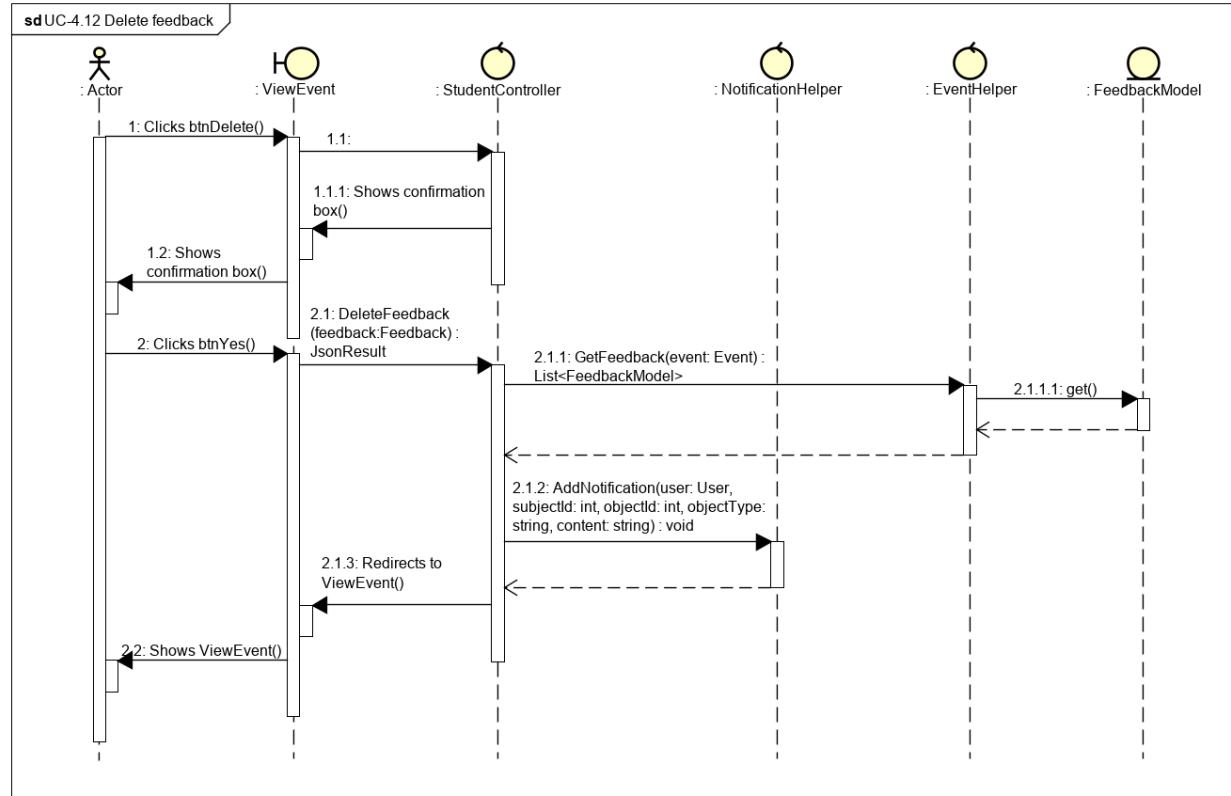


Figure 39. Confirmation box of delete own feedback screen

Class Diagram



Sequence Diagram



3.2.4.13. Edit own feedback フィードバック編集

Screen Design

Your feedback



Duyên

4.5 ★ Jan 18, 2019

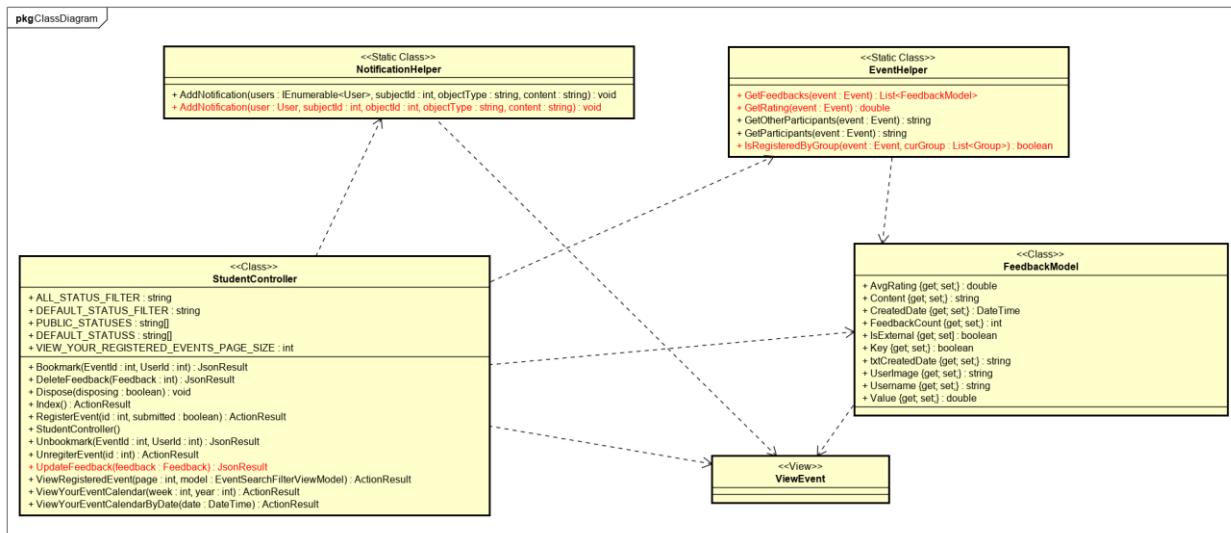
Update

Delete

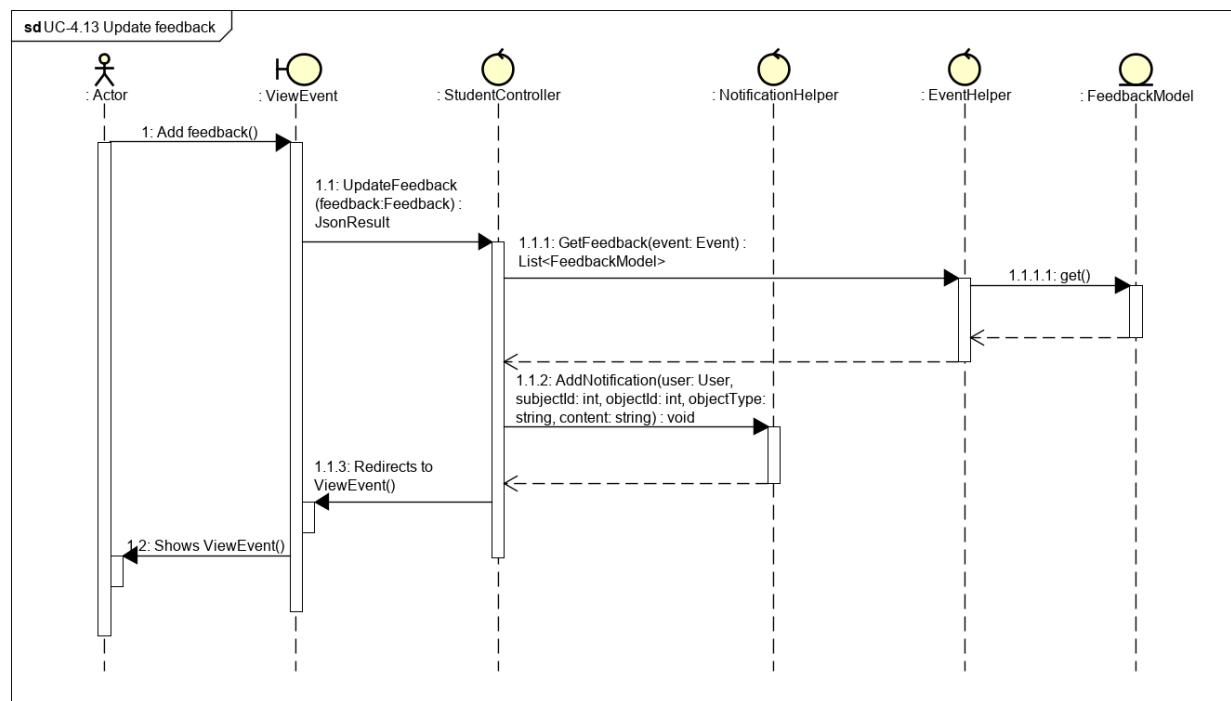
Giải thưởng lớn quá, tiếc là mình không tham dự được :(

Figure 40. Edit own feedback screen

Class Diagram



Sequence Diagram



3.2.4.14. Bookmark event イベントのブックマーク

Screen Design

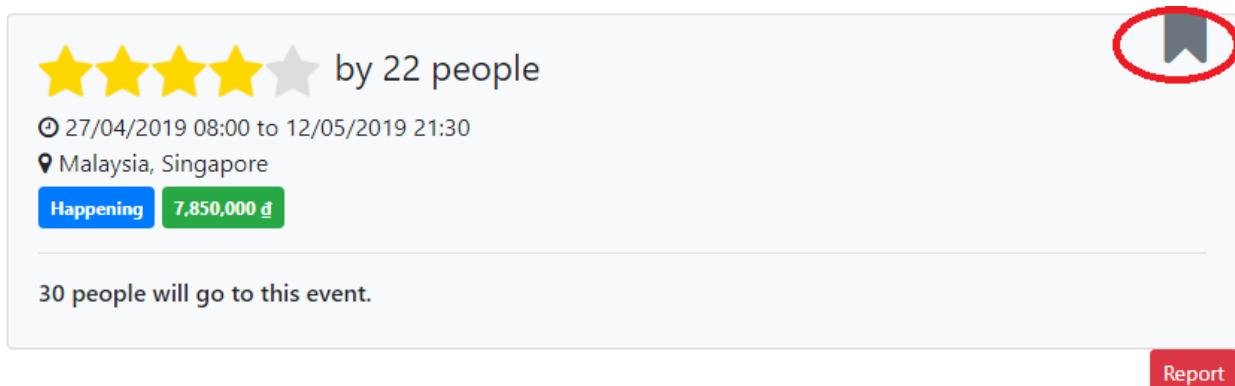
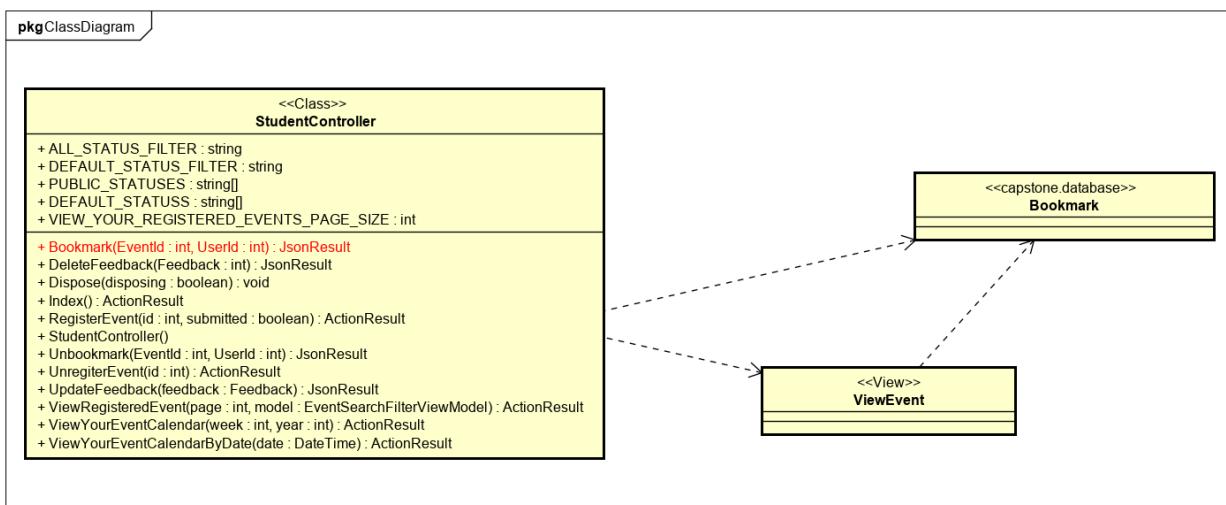
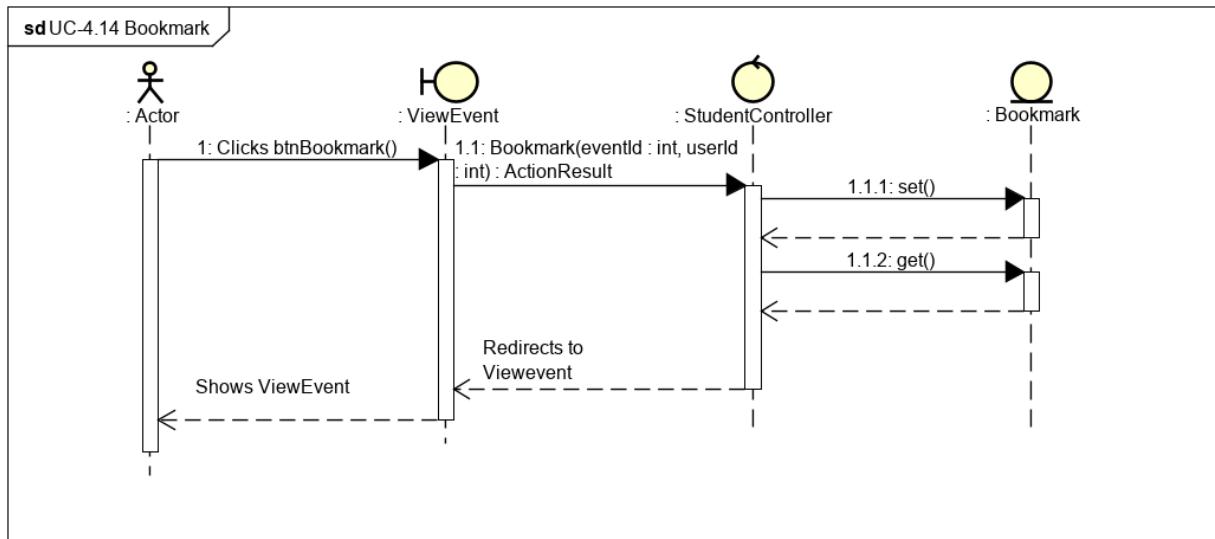


Figure 41. Bookmark button design

Class Diagram



Sequence Diagram



3.2.4.15. Share event イベント共有

Screen Design

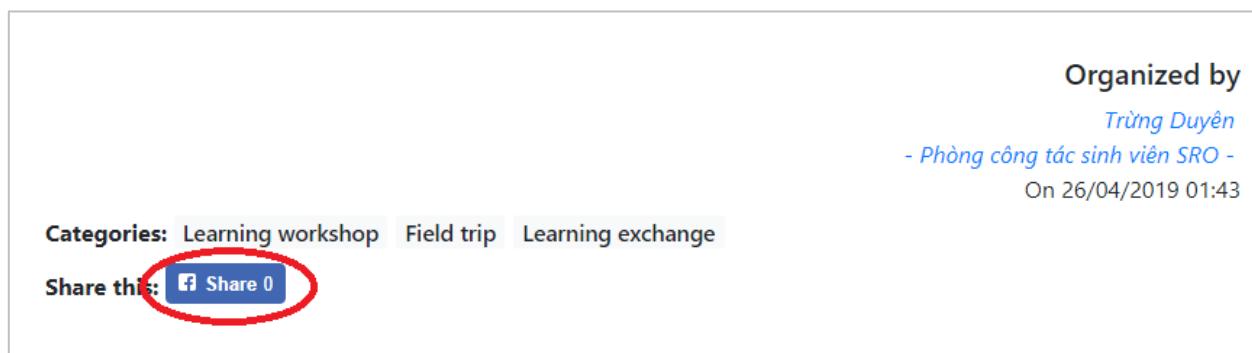
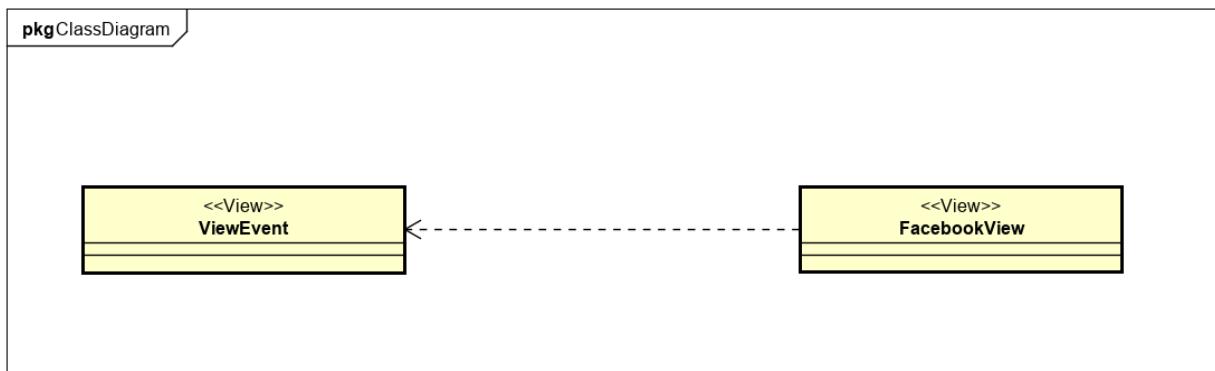
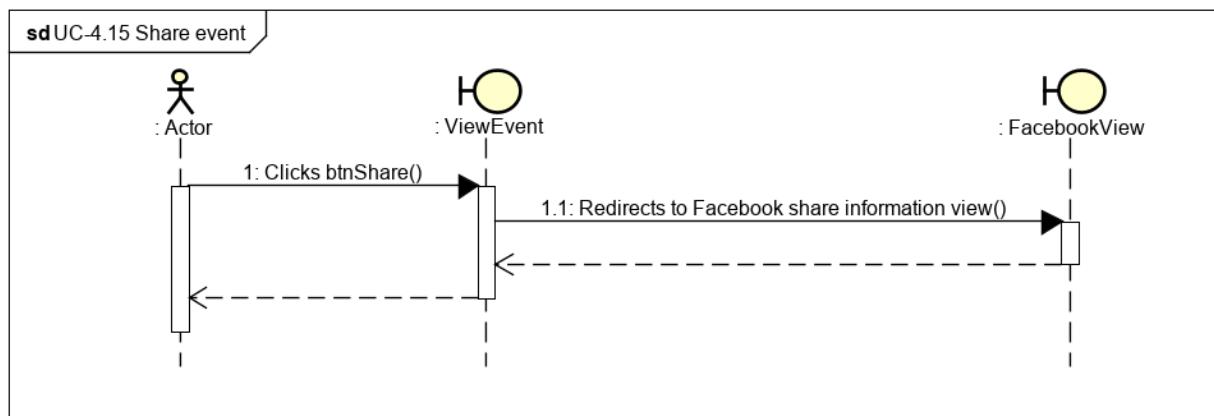


Figure 42. Share button design

Class Diagram



Sequence Diagram



3.2.4.16. Register to event イベント申請

Screen Design

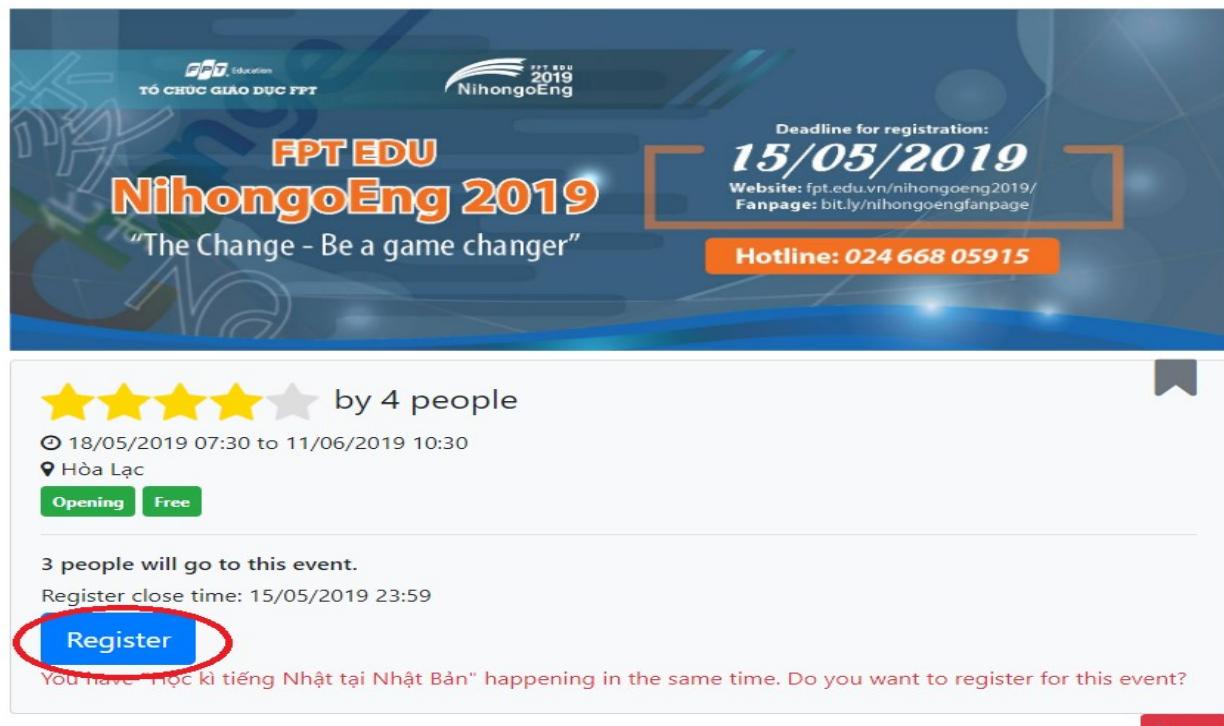
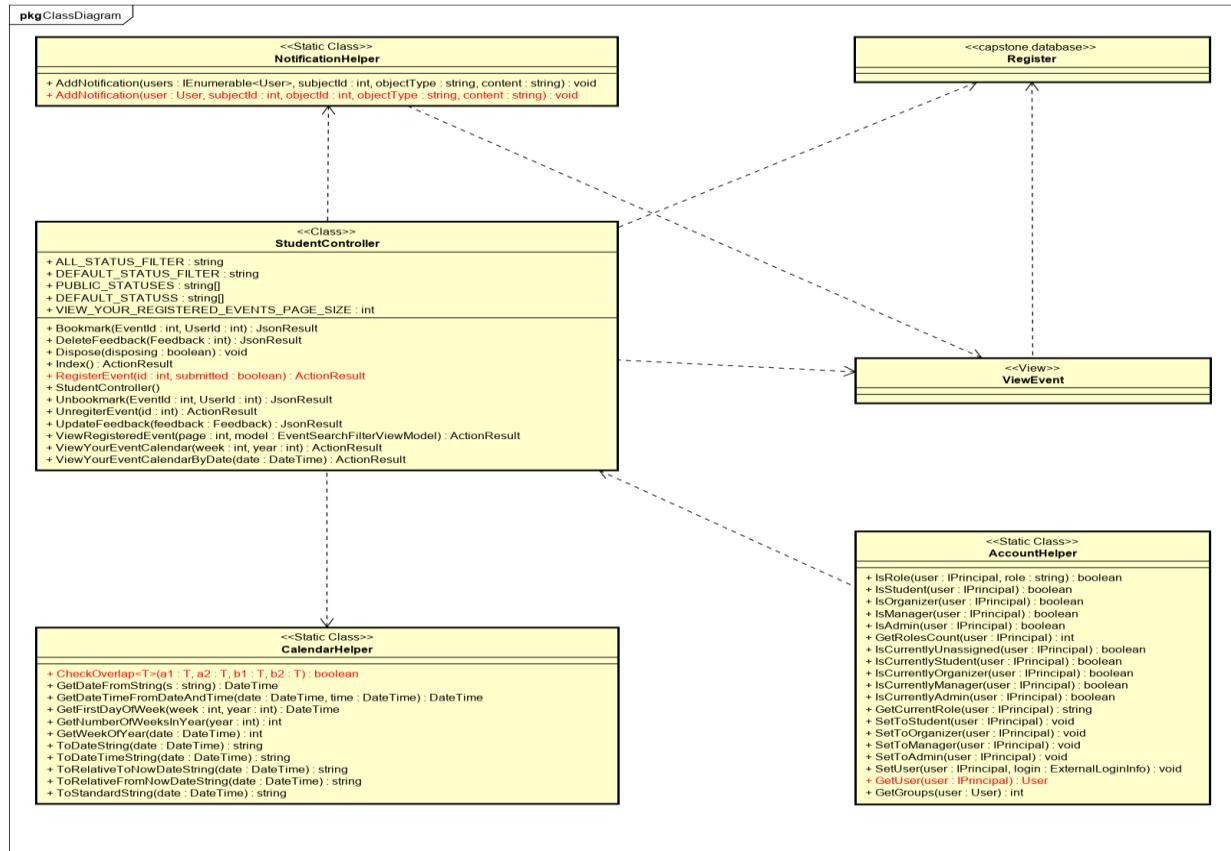
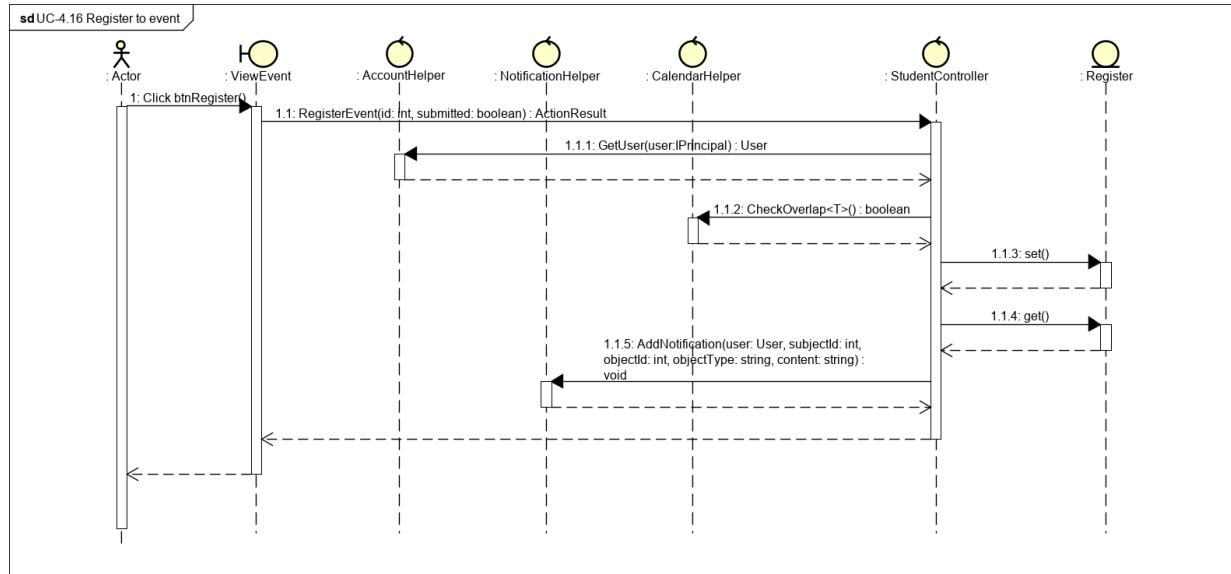


Figure 43. Register button design

Class Diagram



Sequence Diagram



3.2.4.17. Report event イベント報告

Screen Design



The banner features the FPT Education logo, the text "TỔ CHỨC GIÁO DỤC FPT", the NihongoEng logo, and the event title "FPT EDU NihongoEng 2019". It also includes the tagline "The Change - Be a game changer", the deadline "15/05/2019", and registration details.

Deadline for registration: **15/05/2019**

Website: fpt.edu.vn/nihongoeng2019/
Fanpage: bit.ly/nihongoengfanpage

Hotline: 024 668 05915

Rating: ★★★★☆ by 4 people

Date: 18/05/2019 07:30 to 11/06/2019 10:30

Location: Hòa Lạc

Status: Opening | Free

Participants: 3 people will go to this event.

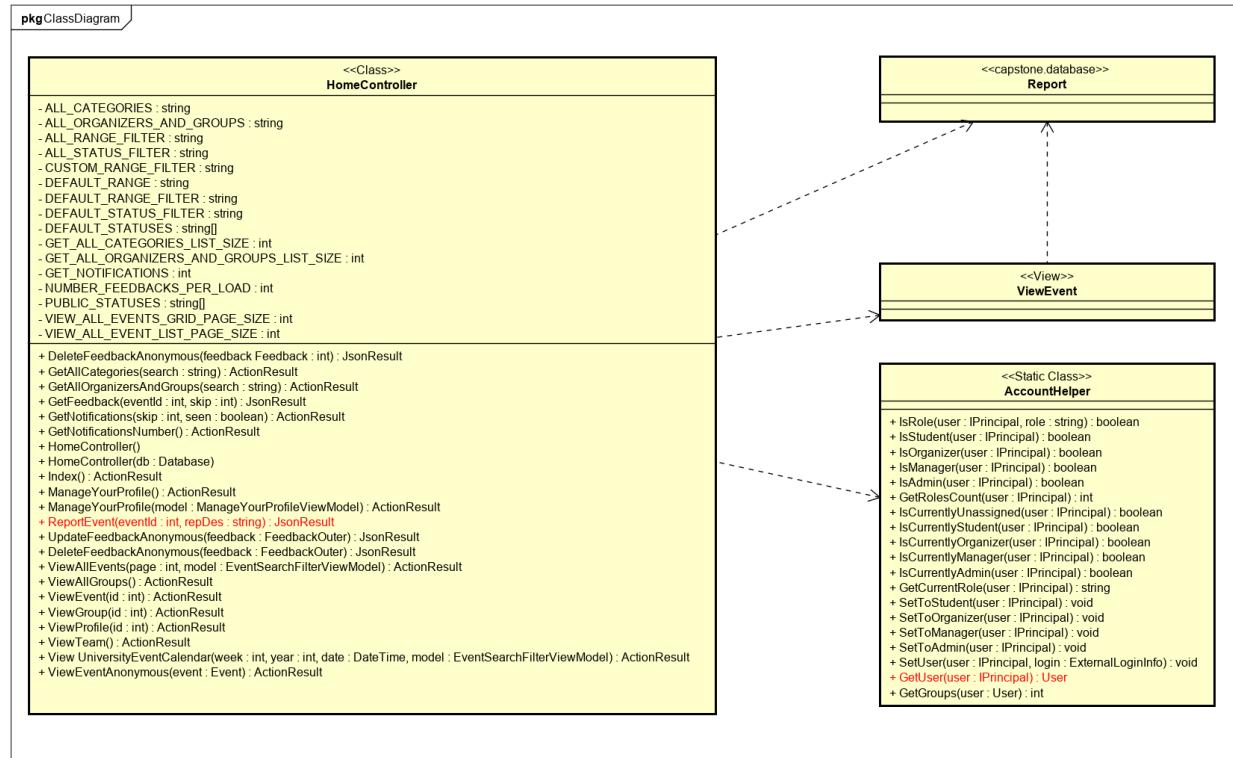
Registration Close Time: 15/05/2019 23:59

Register

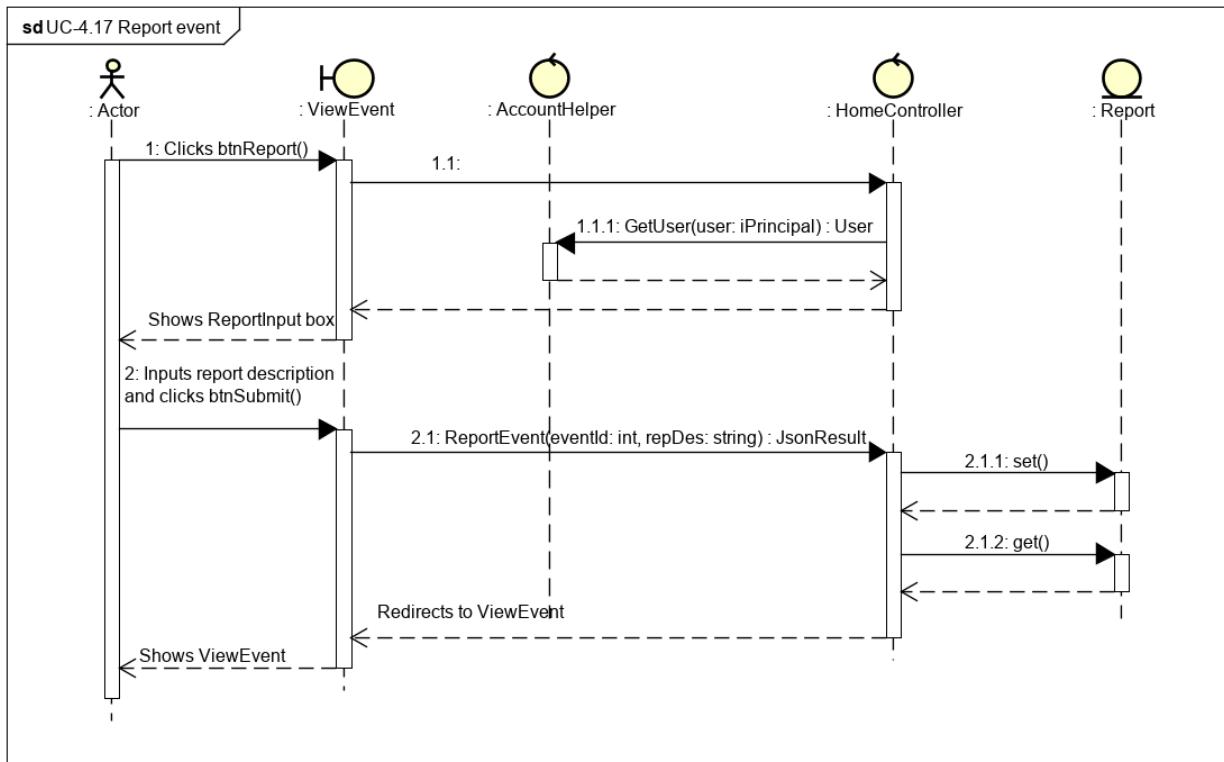
You have "Học kì tiếng Nhật tại Nhật Bản" happening in the same time. Do you want to register for this event?

Report

Class Diagram



Sequence Diagram



3.2.5. Manage your event 個人用イベントの管理

3.2.5.1. Create event イベント作成

Screen Design

Create event

Create a new event for Students to participate in. A Manager will review and accept or reject your request.

Event cover image

Name

Event family

Select a family that event belong to or create a new one.

Event open date Event close date

Register info

Event register close date

Maximum number of registers

Create a form if you want to collect more information of participants (Popup will appear).

Access right

Public
Choose this option if you want people outside FPT University to see this event.

For organizers only
Choose this option if you want create event for organizers only.

Target participants
Target participants you want to join.

Target group
Only members of groups below can see this event. Leave this field empty for everyone can see.

Event description

Event description

Category

Place

Name of the place that event will be held

Fee

Entrance fee of event

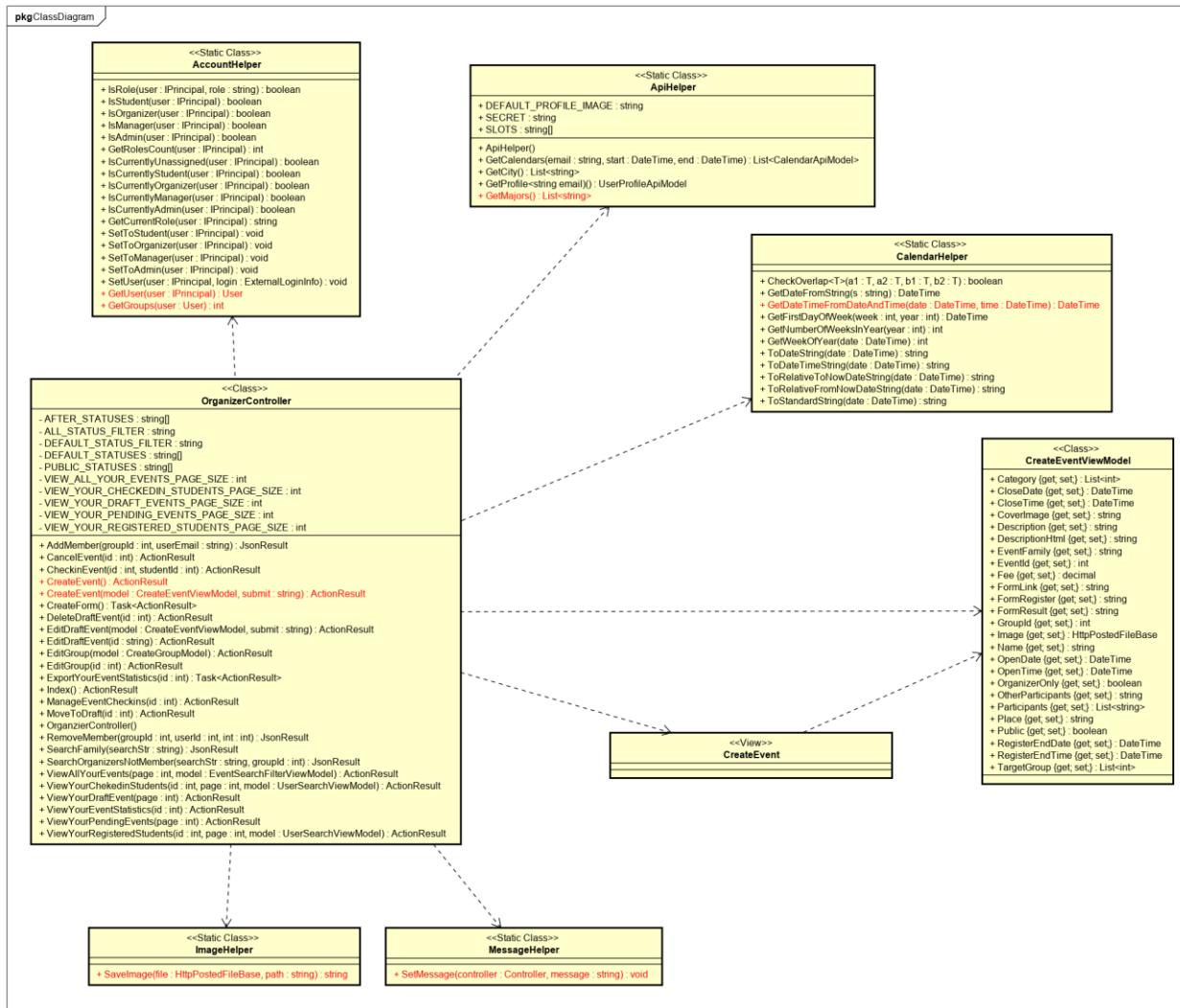
Group

Which group do you want to post event as? If not select, you will be post event individually.

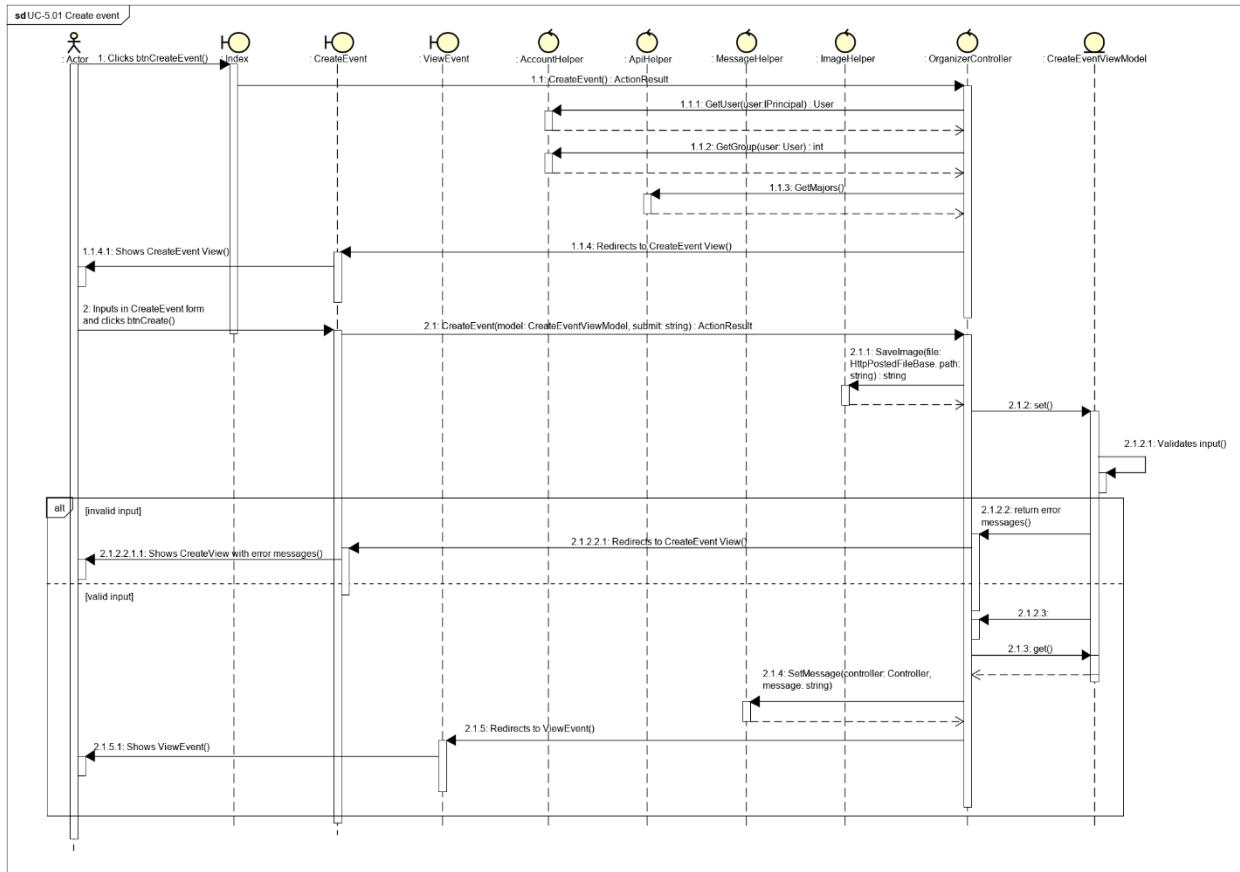
--Select a group--

Figure 44. Create event screen

Class Diagram



Sequence Diagram



3.2.5.2. Create form フォーム作成

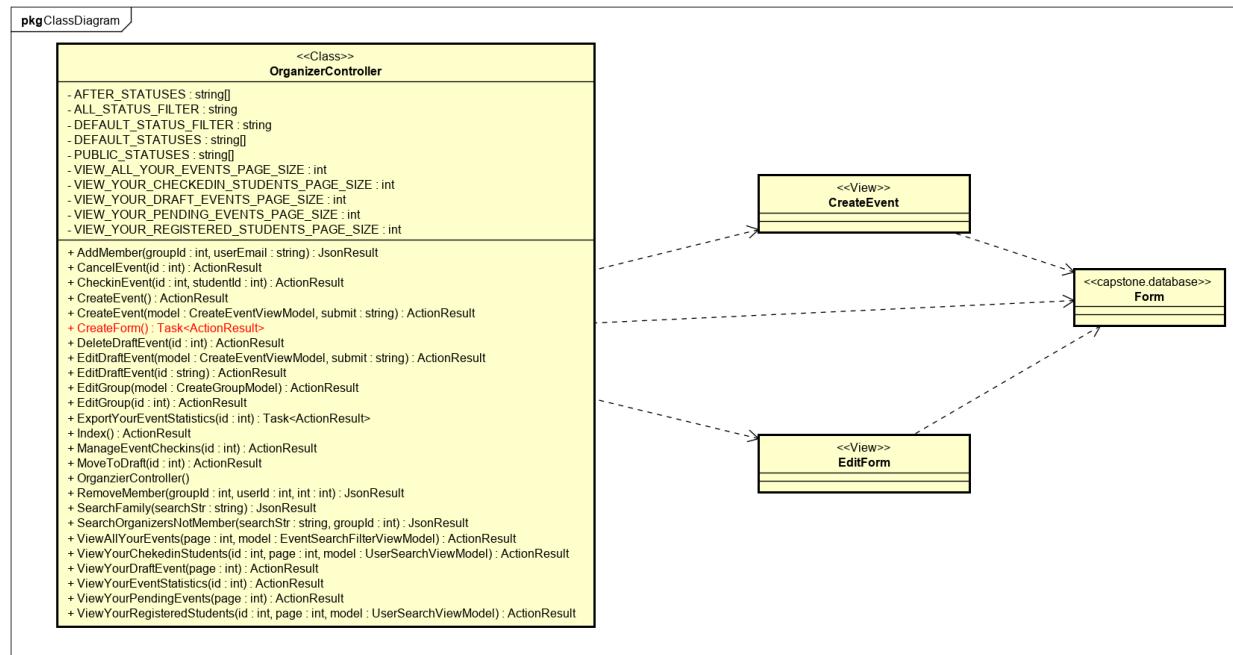
Screen Design

The screenshots show the 'Create form' screen with three states of a message box:

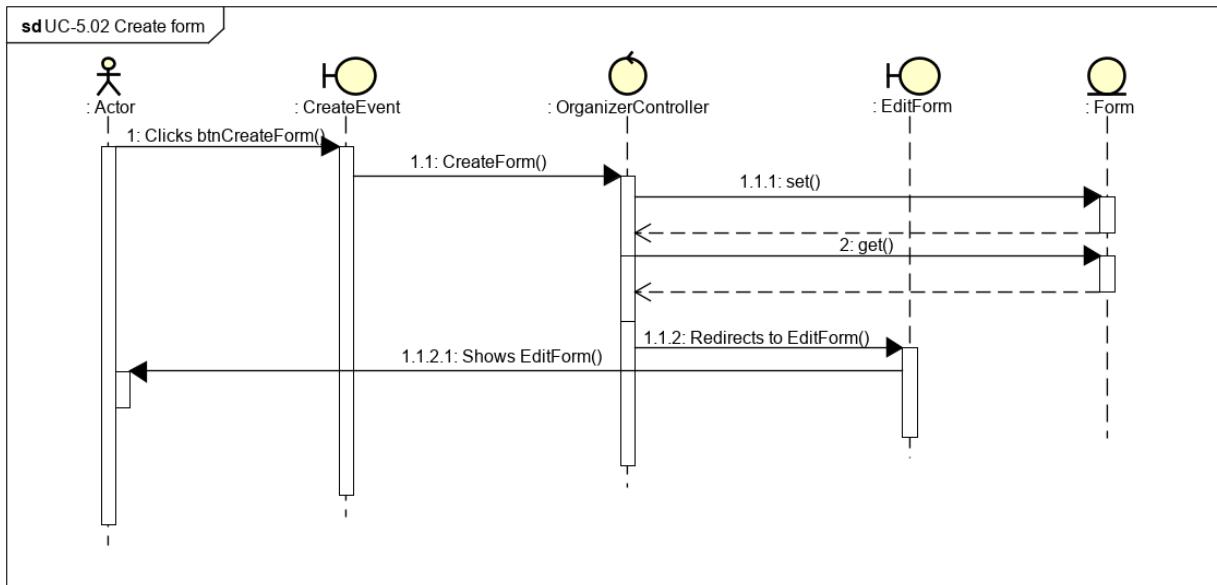
- Invalid Input:** 'Create a form if you want to collect more information of participants (Popup will appear).'
Create Form
- Valid Input:** 'Create a form if you want to collect more information of participants (Popup will appear).'
Create Form
- Valid Input (with buttons):** 'Create a form if you want to collect more information of participants (Popup will appear).'
Edit Form Clear Form

Figure 45. Create form screen

Class Diagram

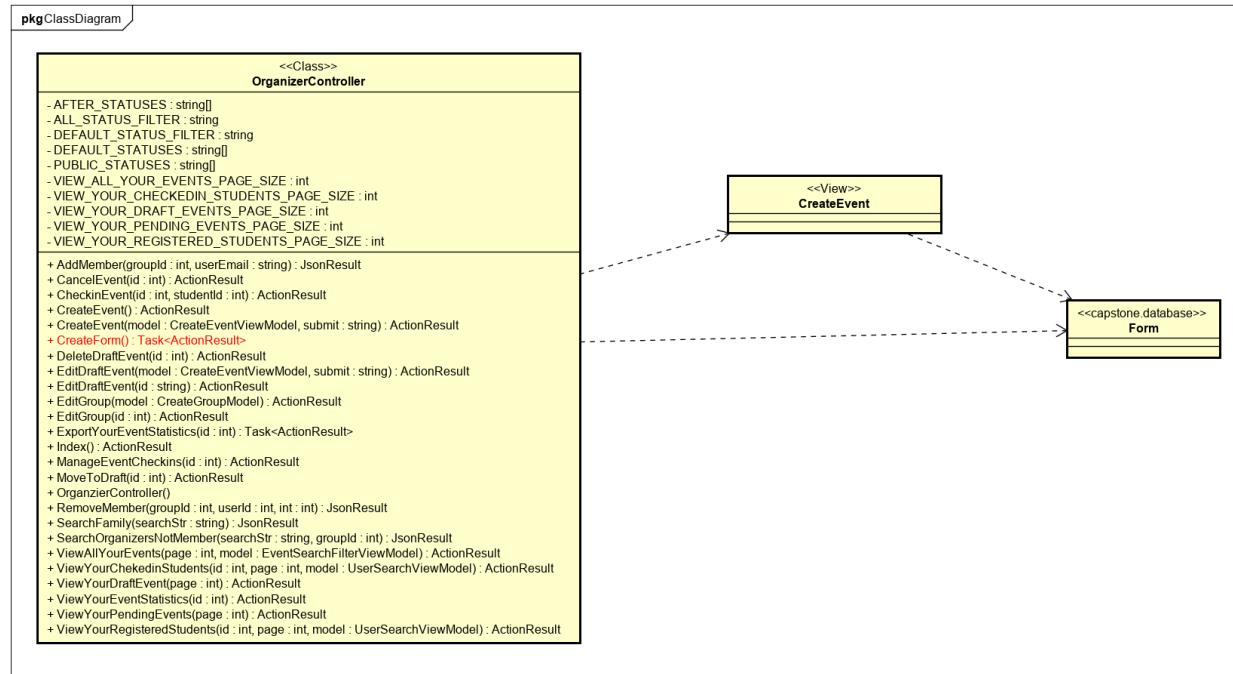


Sequence Diagram

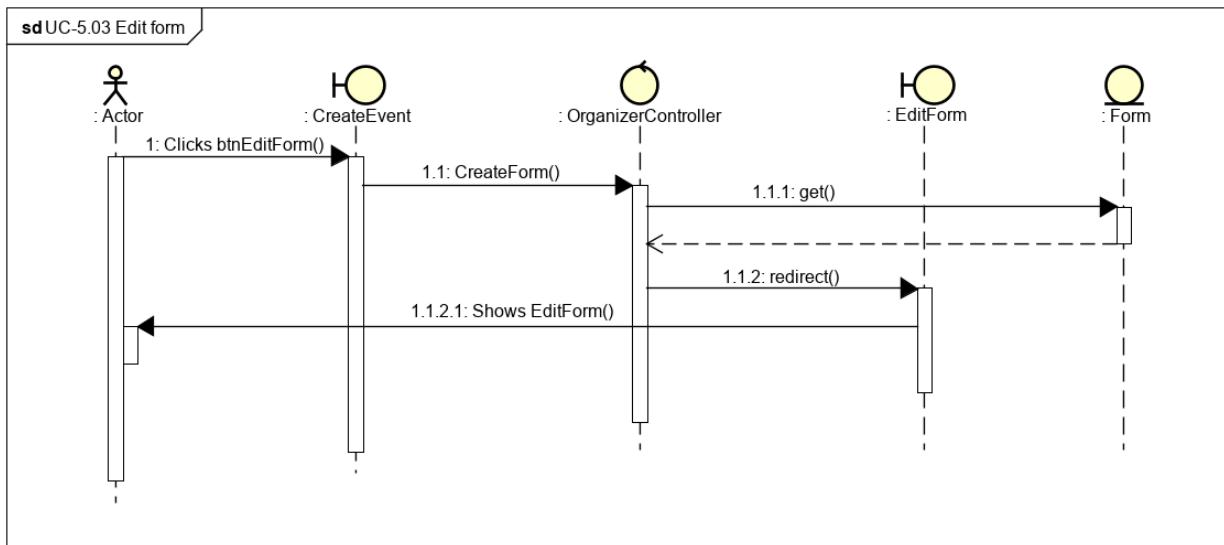


3.2.5.3. Edit form フォーム編集

Class Diagram

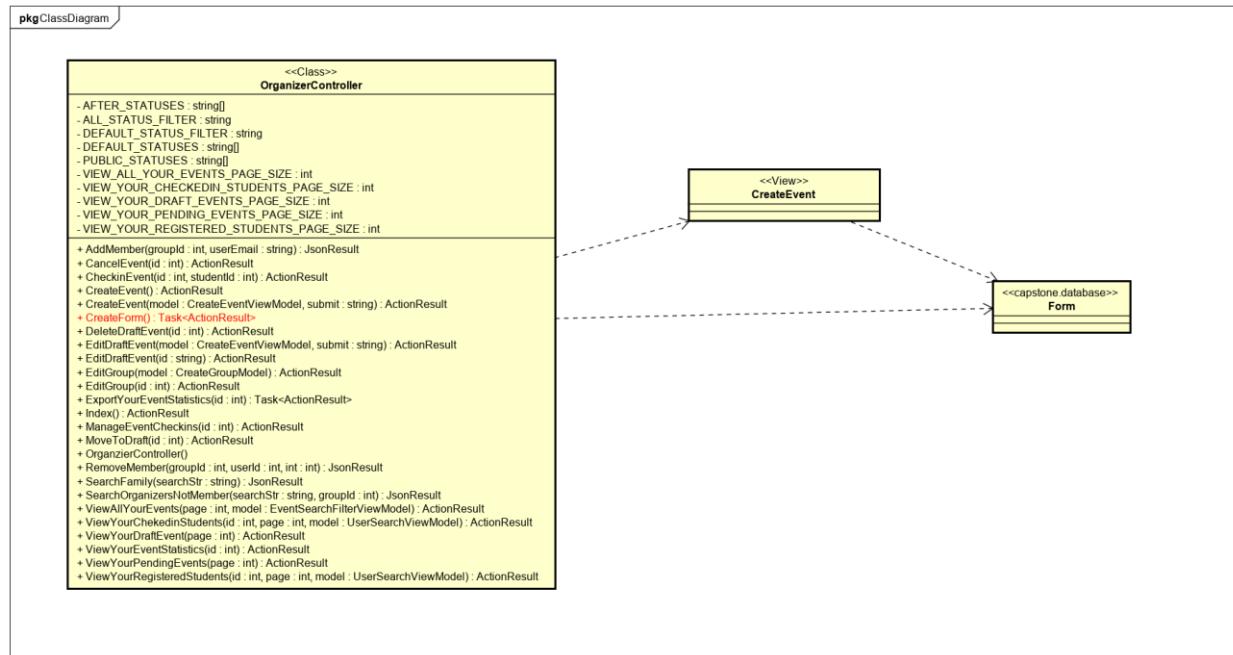


Sequence Diagram

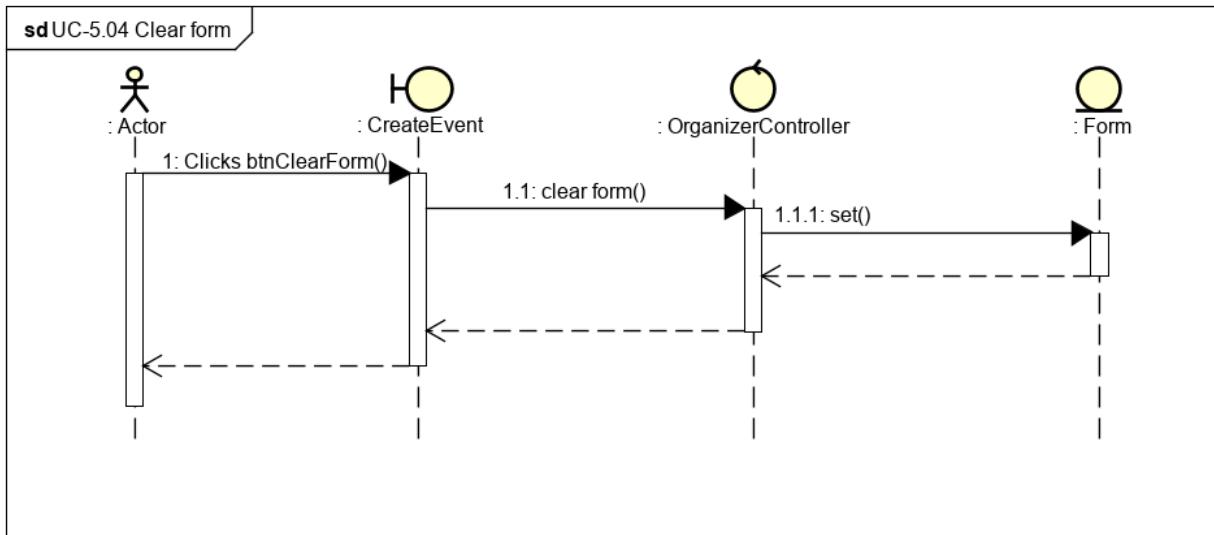


3.2.5.4. Clear form フォームクリア

Class Diagram



Sequence Diagram



3.2.5.5. Save draft 下書き保存

Screen Design

Group

Which group do you want to post event as? If not select, you will be post event individually.

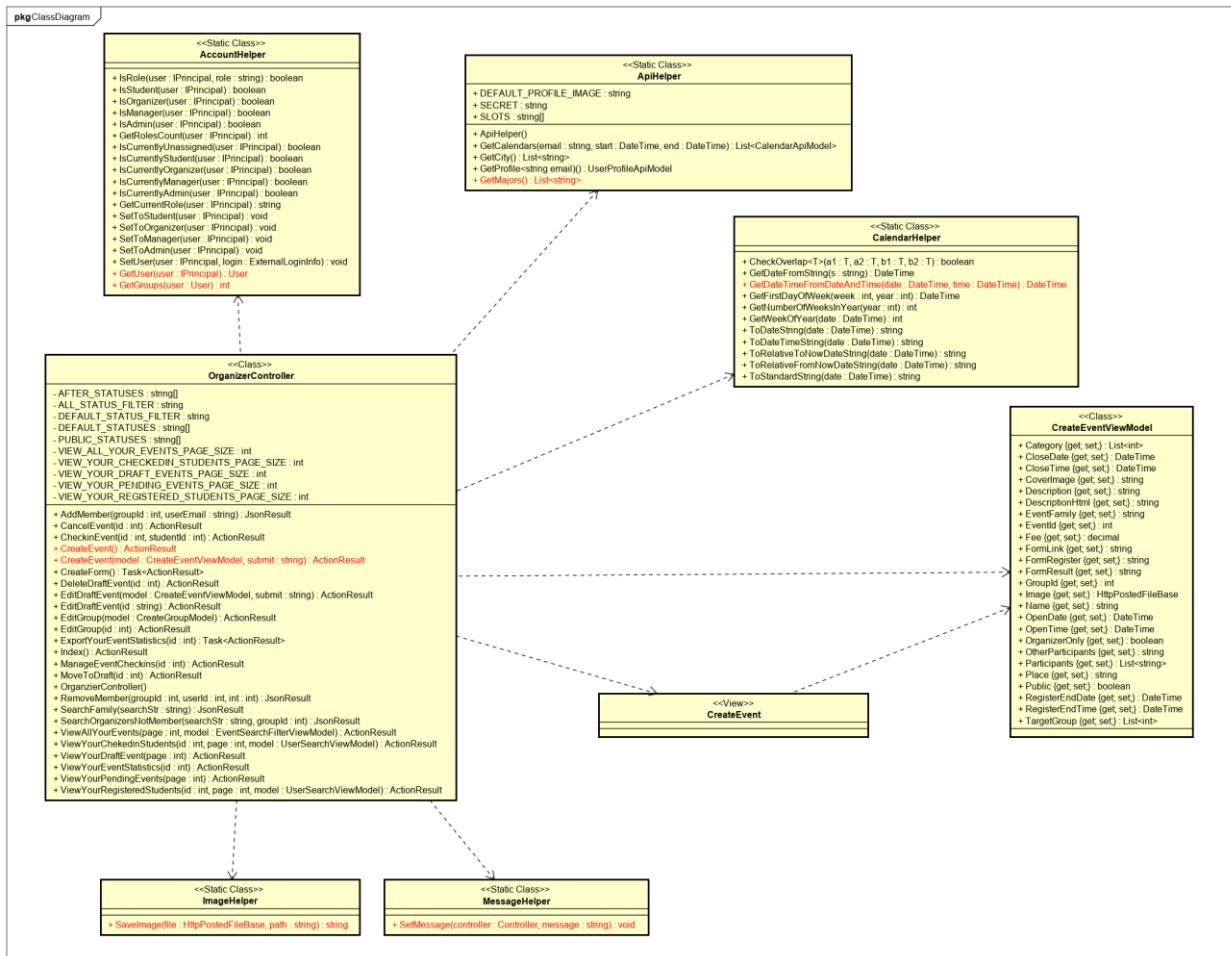
--Select a group--

Create **Save draft**

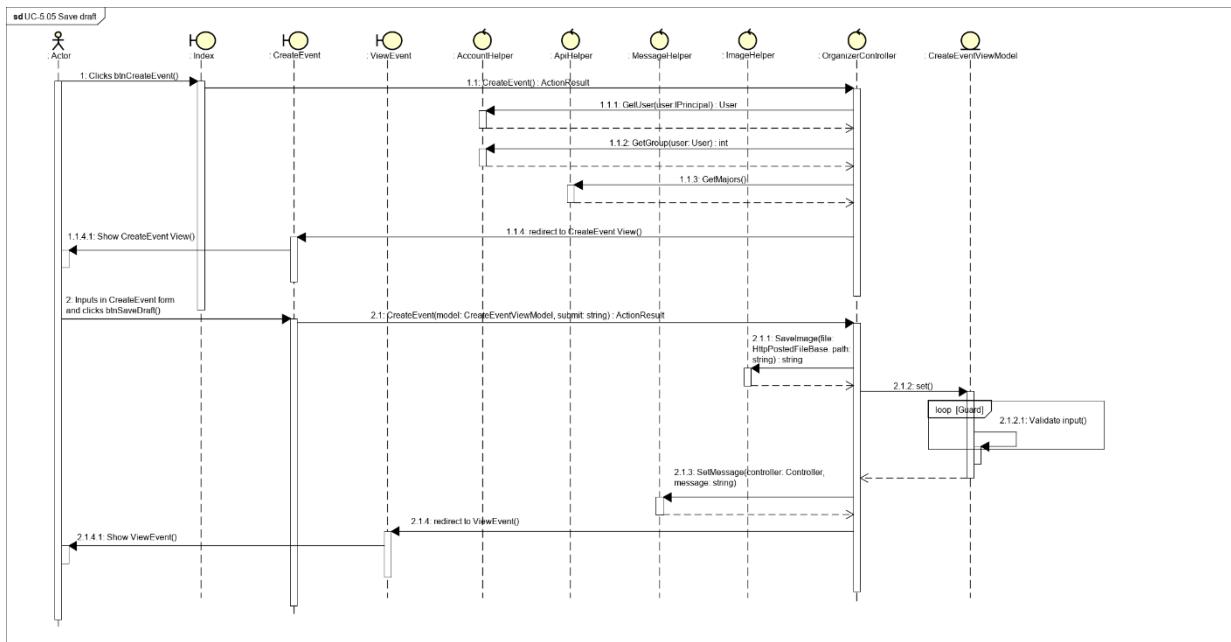
The 'Save draft' button is highlighted with a red oval.

Figure 46. Save draft button design

Class Diagram



Sequence Diagram



3.2.5.6. *View list drafts* 下書き一覧の閲覧

Screen Design

FPT Student Event Calendar Home Role: Organizer ▾ Notifications Duyễn Logout

Organizer / View your draft events

View your draft events

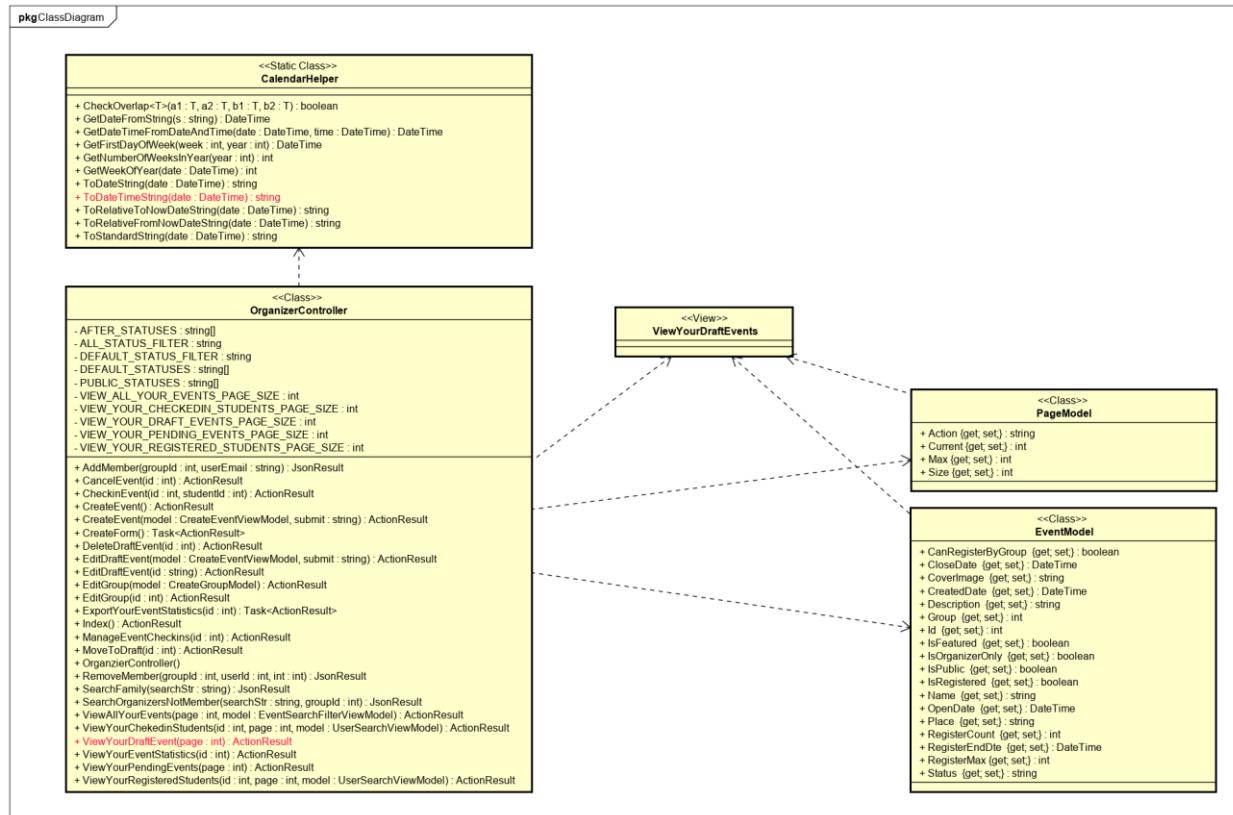
View list of your draft events.

No	Event name	Updated time	
1	Happy Man Day of Chess Club	01/03/2019 10:00	Edit draft event Delete draft
2	JS1102 Teambuilding	21/04/2019 00:26	Edit draft event Delete draft

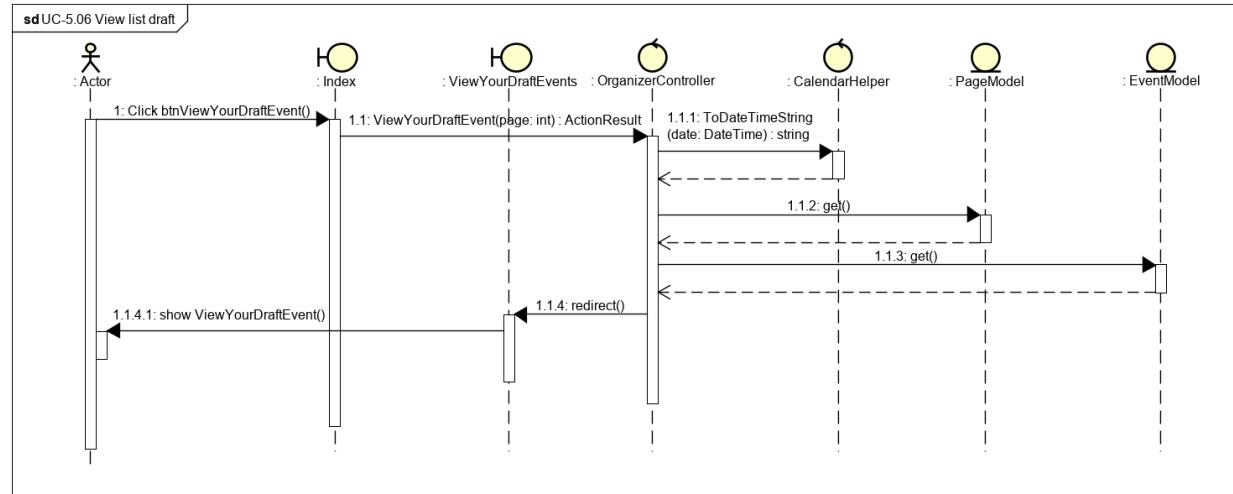
Developed by YPHDT Team - FPT University

Figure 47. View list draft events screen

Class Diagram



Sequence Diagram

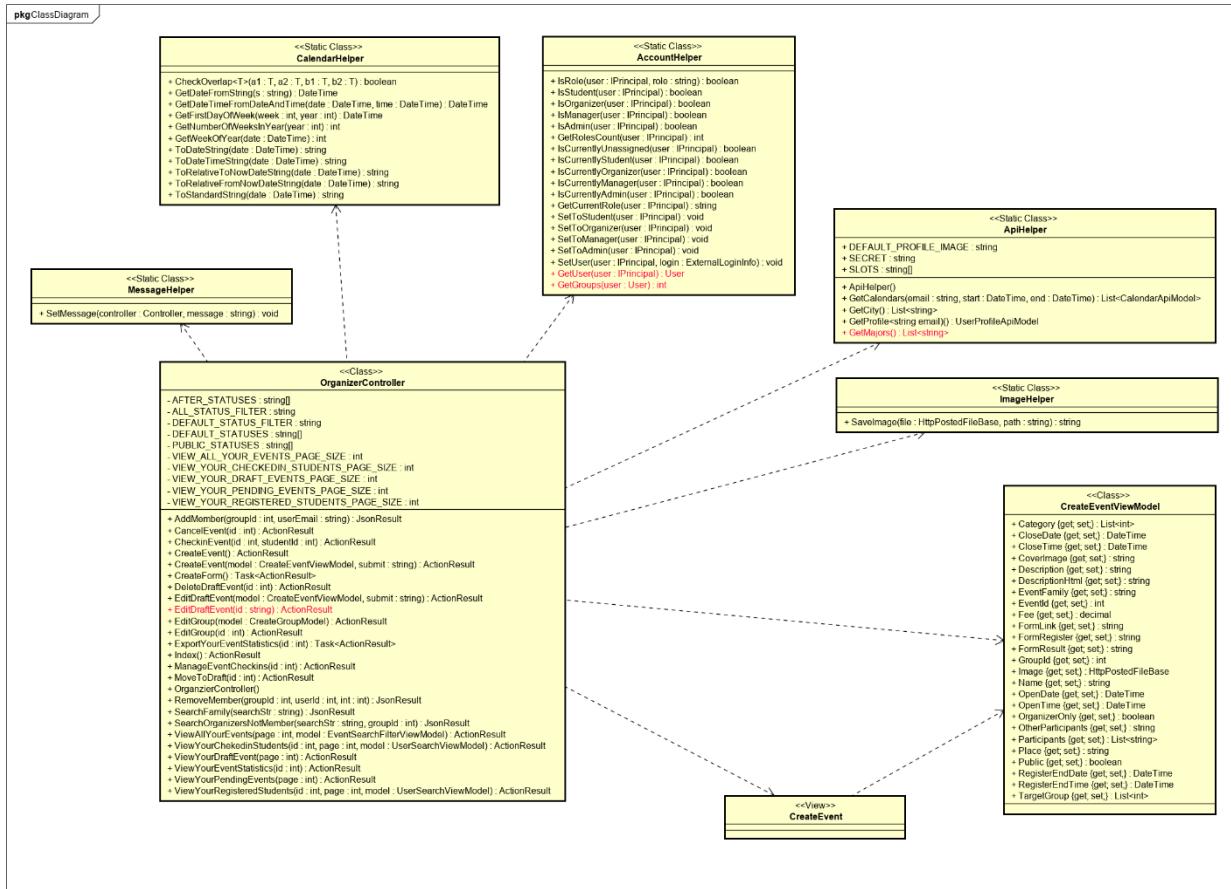


3.2.5.7. Edit draft 下書き編集

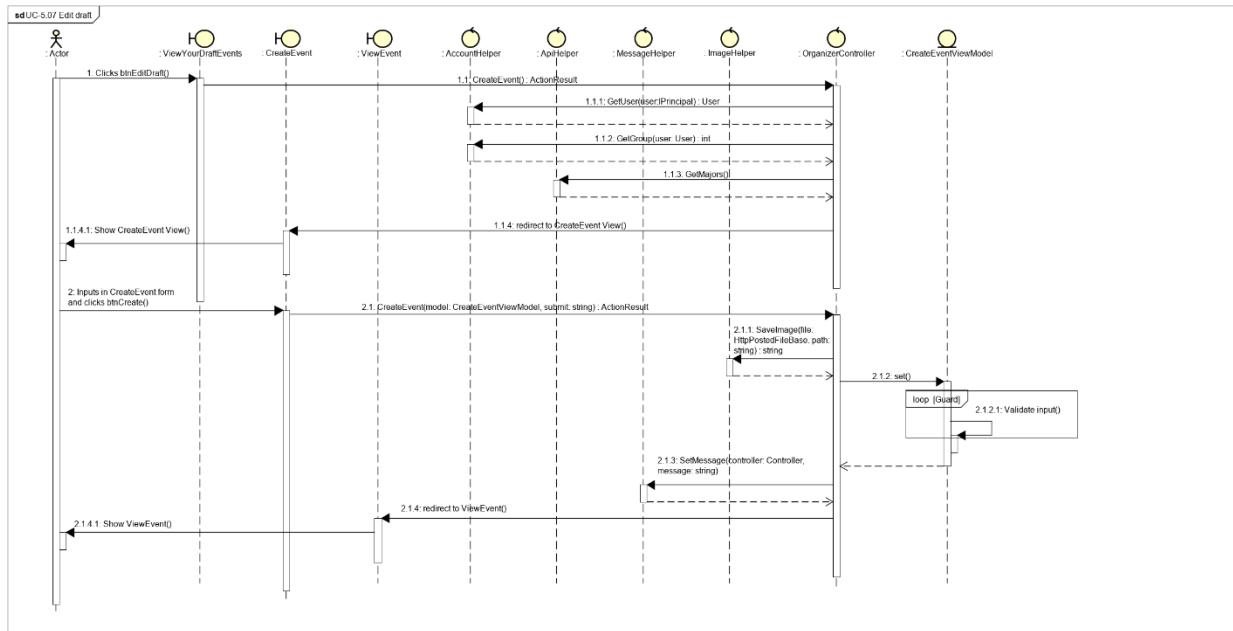
Screen Design

No	Event name	Updated time	
1	Happy Man Day of Chess Club	01/03/2019 10:00	Edit draft event Delete draft
2	JS1102 Teambuilding	21/04/2019 00:26	Edit draft event Delete draft

Class Diagram

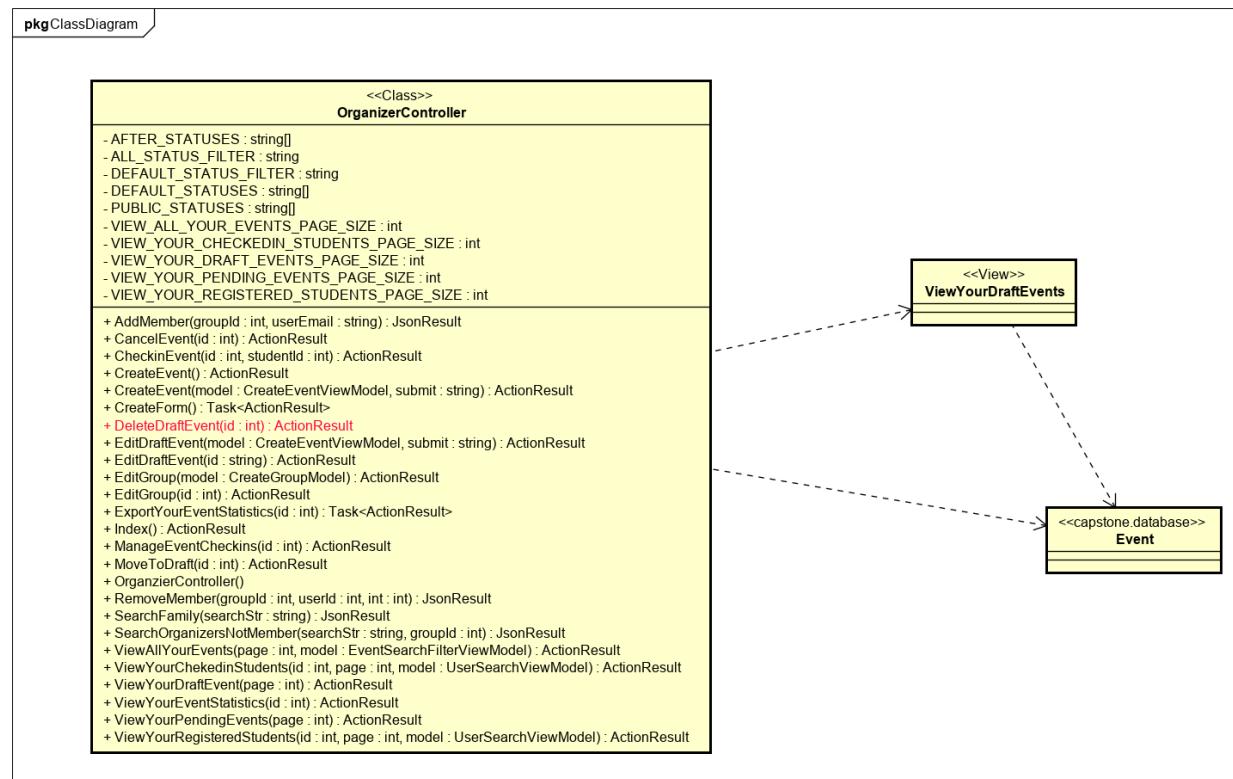


Sequence Diagram

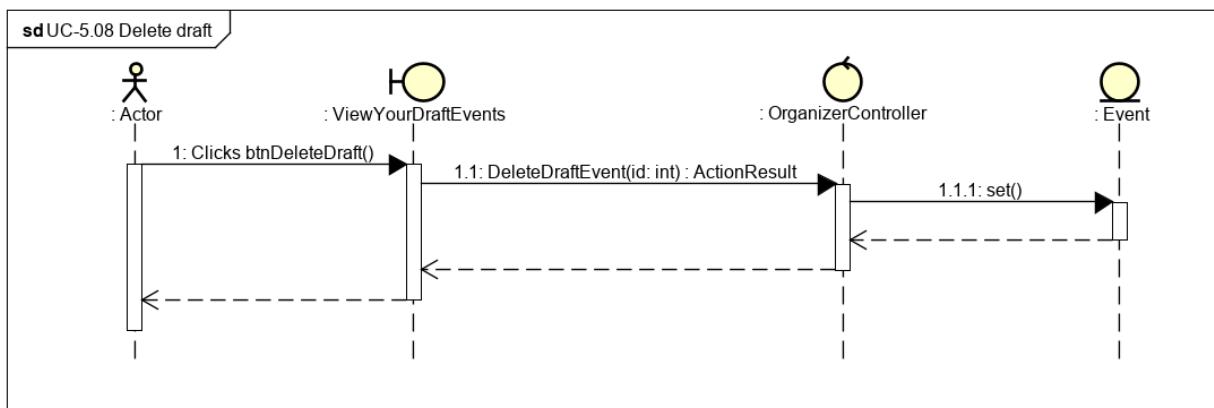


3.2.5.8. Delete draft 下書き削除

Class Diagram



Sequence Diagram



3.2.5.9. View your pending events 保留中イベントの閲覧

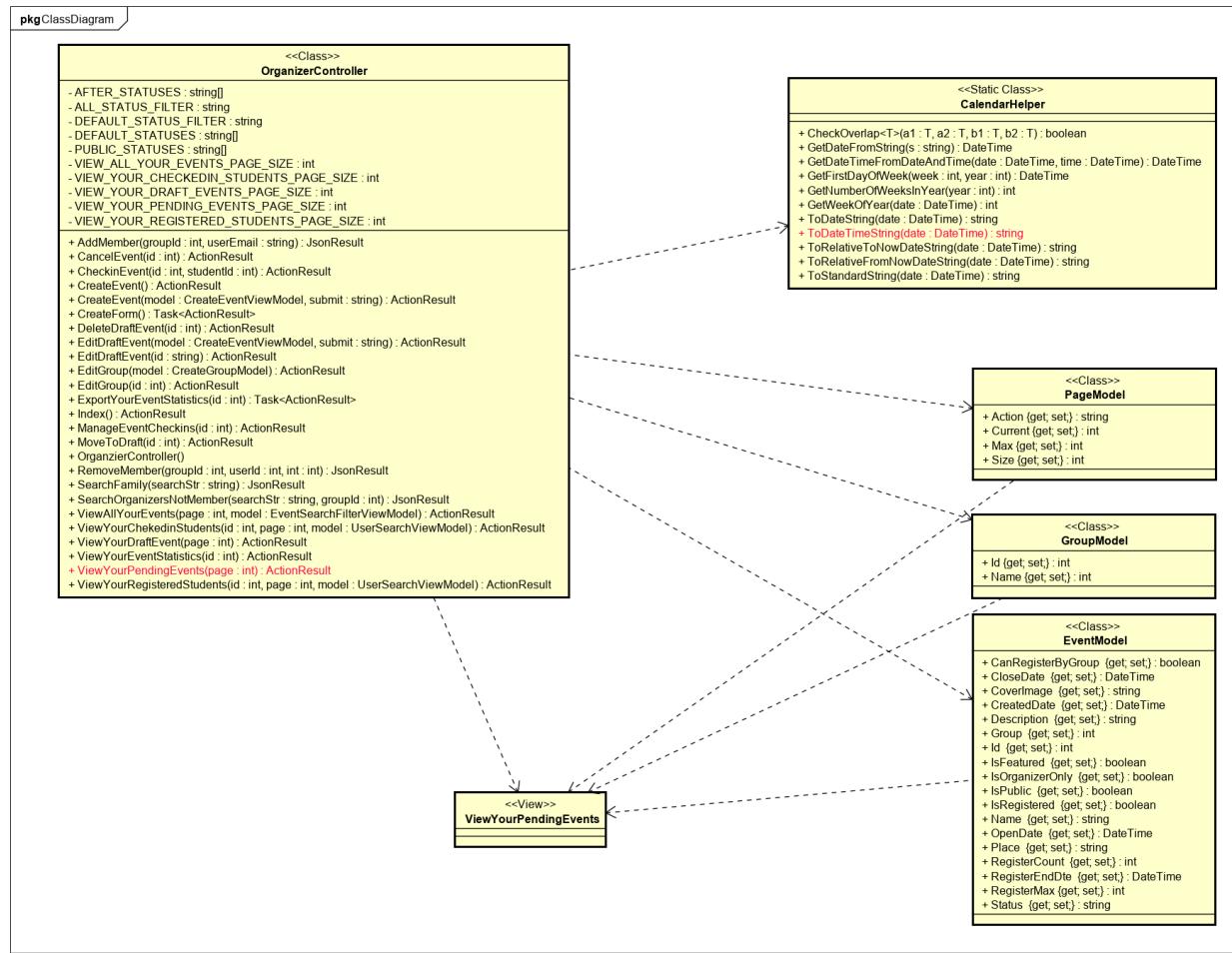
Screen Design

The screenshot shows the 'View your pending events' page. At the top, there's a navigation bar with 'Home', 'Role: Organizer', 'Notifications', 'Duyên', and 'Logout'. Below the navigation, a breadcrumb trail shows 'Organizer / View your pending events'. The main content area has a heading 'View your pending events' and a sub-instruction 'Show all your events that are waiting for Manager's approval or rejected by them'. A table lists five pending events:

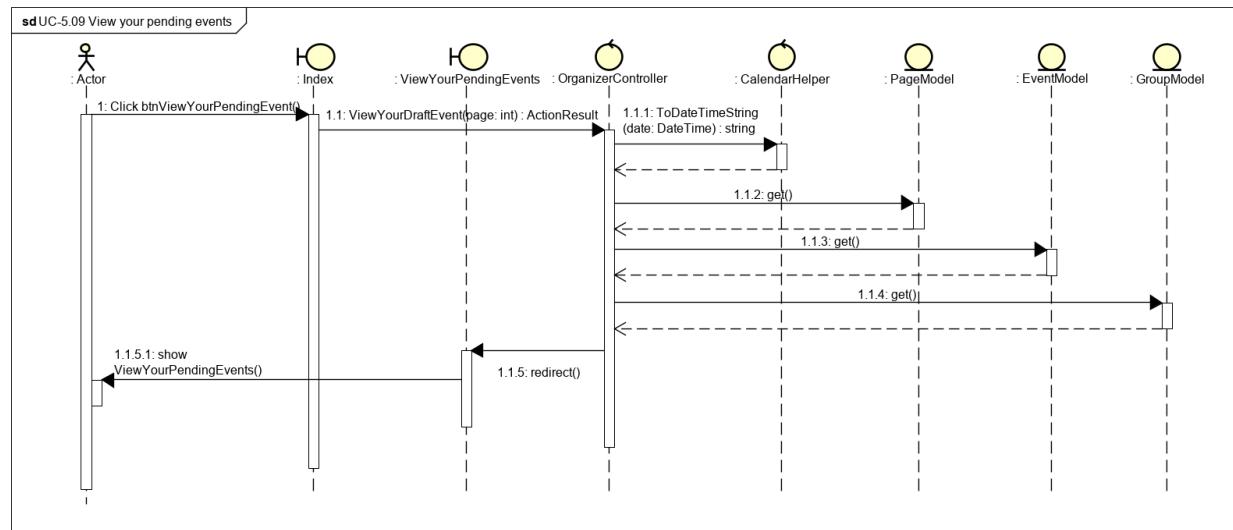
No	Name	Group	Created date	Status	Action
1	Cơ hội học bổng toàn phần tại trường ĐH top 25 thế giới	Phòng công tác sinh viên SRO	20/04/2019 18:19	Rejected	<button>Move to draft</button>
2	Guitar Hoa Lạc Teambuilding		20/04/2019 22:27	Pending	<button>Cancel event</button>
3	[HÀNH TRÌNH ĐÁNG SỐNG] Trải nghiệm lao động Bắc Giang	Phòng công tác sinh viên SRO	20/04/2019 23:07	Rejected	<button>Move to draft</button>
4	JS1102 Teambuilding		20/04/2019 23:09	Rejected	<button>Move to draft</button>
5	Test	Câu lạc bộ Cóc Đọc và Những người bạn	25/04/2019 02:06	Pending	<button>Cancel event</button>

At the bottom of the page, a footer note says 'Developed by YPHDT Team - FPT University'.

Class Diagram



Sequence Diagram

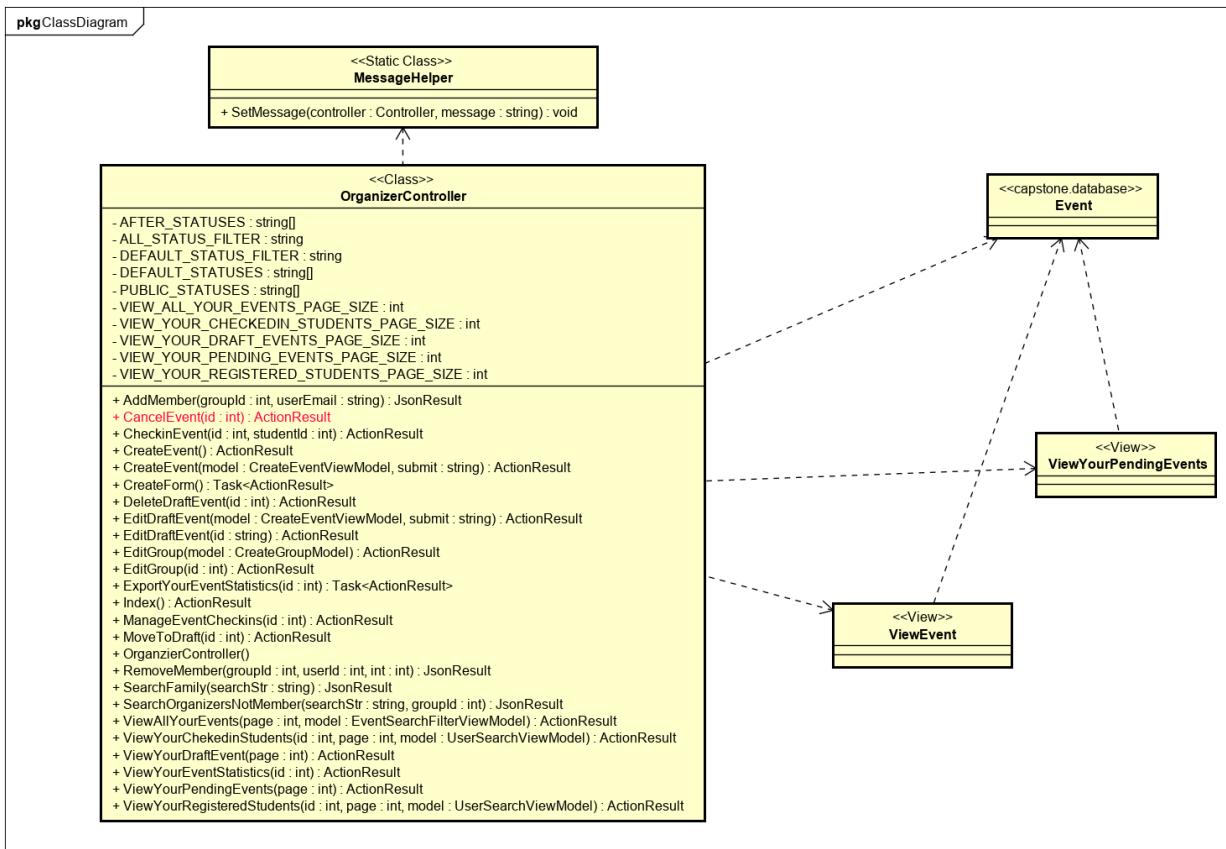


3.2.5.10. Cancel event イベントキャンセル

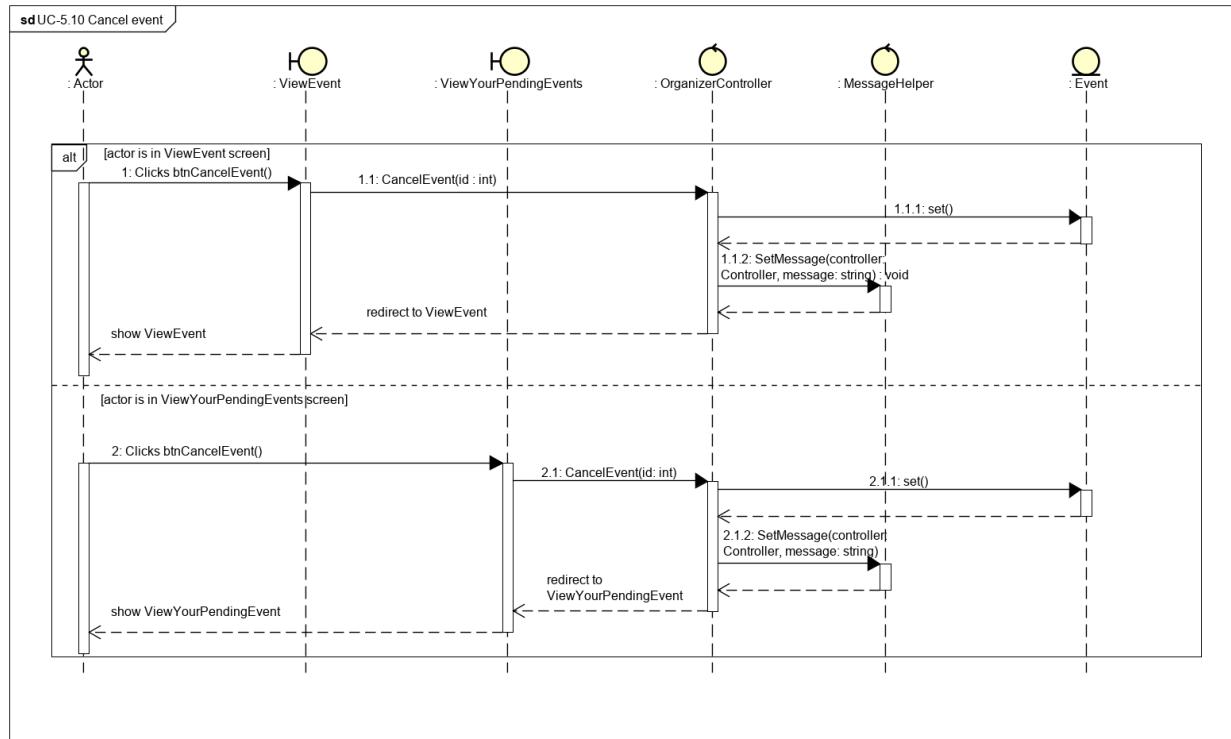
Screen Design

No	Name	Group	Created date	Status
1	Cơ hội học bổng toàn phần tại trường ĐH top 25 thế giới	Phòng công tác sinh viên SRO	20/04/2019 18:19	Rejected Move to draft
2	Guitar Hoa Lac Teambuilding		20/04/2019 22:27	Pending Cancel event

Class Diagram



Sequence Diagram

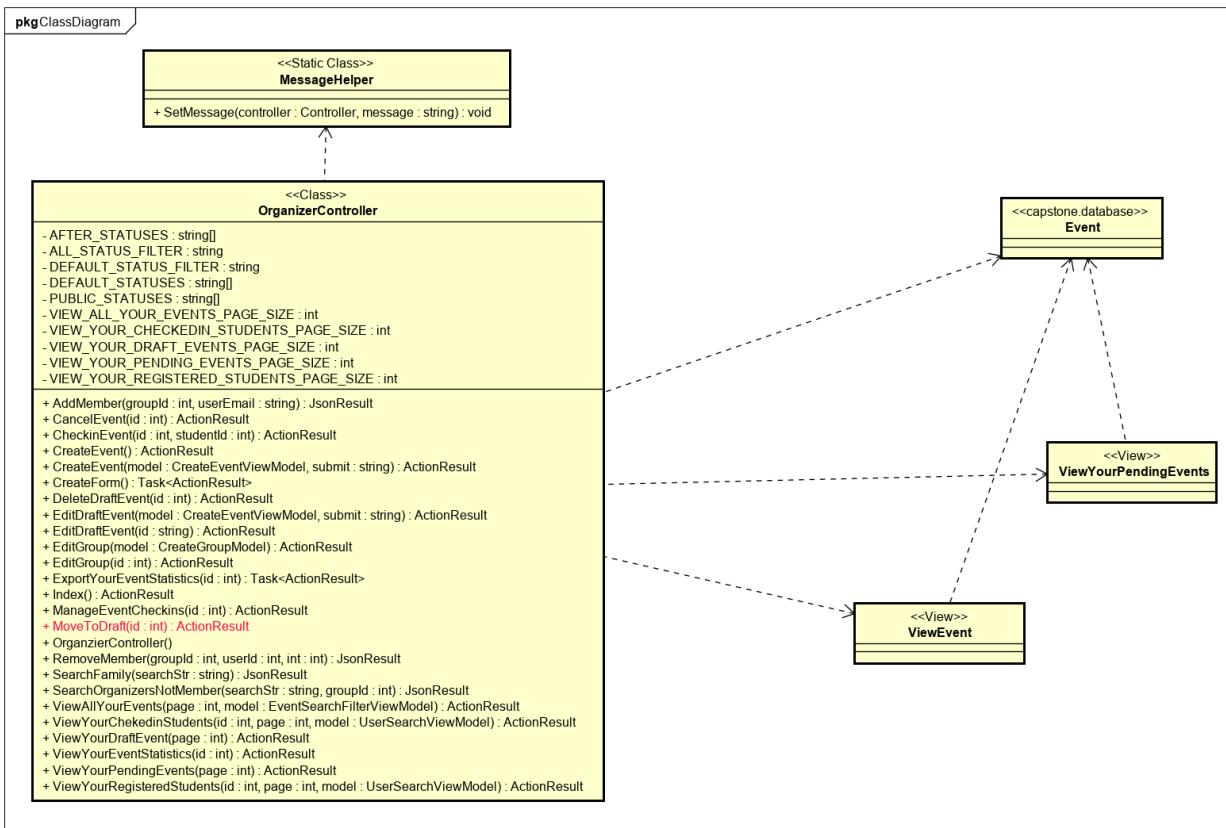


3.2.5.11. Move to draft 下書きへの移動

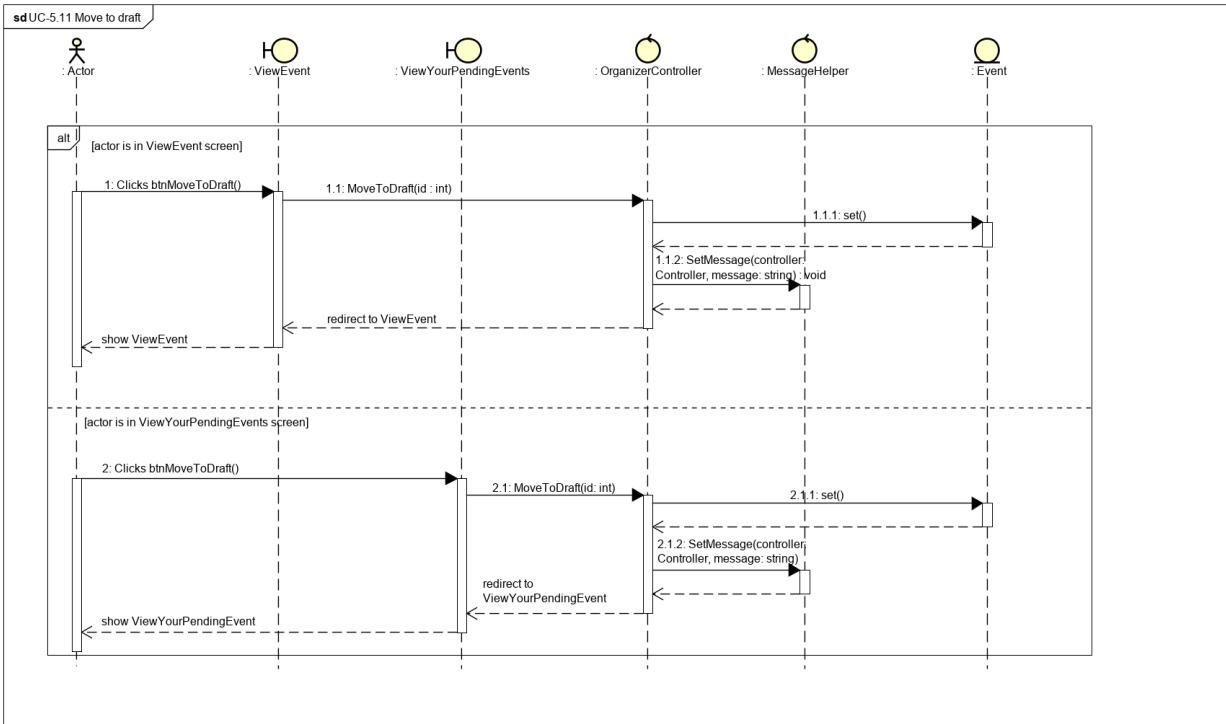
Screen Design

No	Name	Group	Created date	Status
1	Cơ hội học bổng toàn phần tại trường ĐH top 25 thế giới	Phòng công tác sinh viên SRO	20/04/2019 18:19	Rejected Move to draft
2	Guitar Hoa Lac Teambuilding		20/04/2019 22:27	Pending Cancel event

Class Diagram



Sequence Diagram



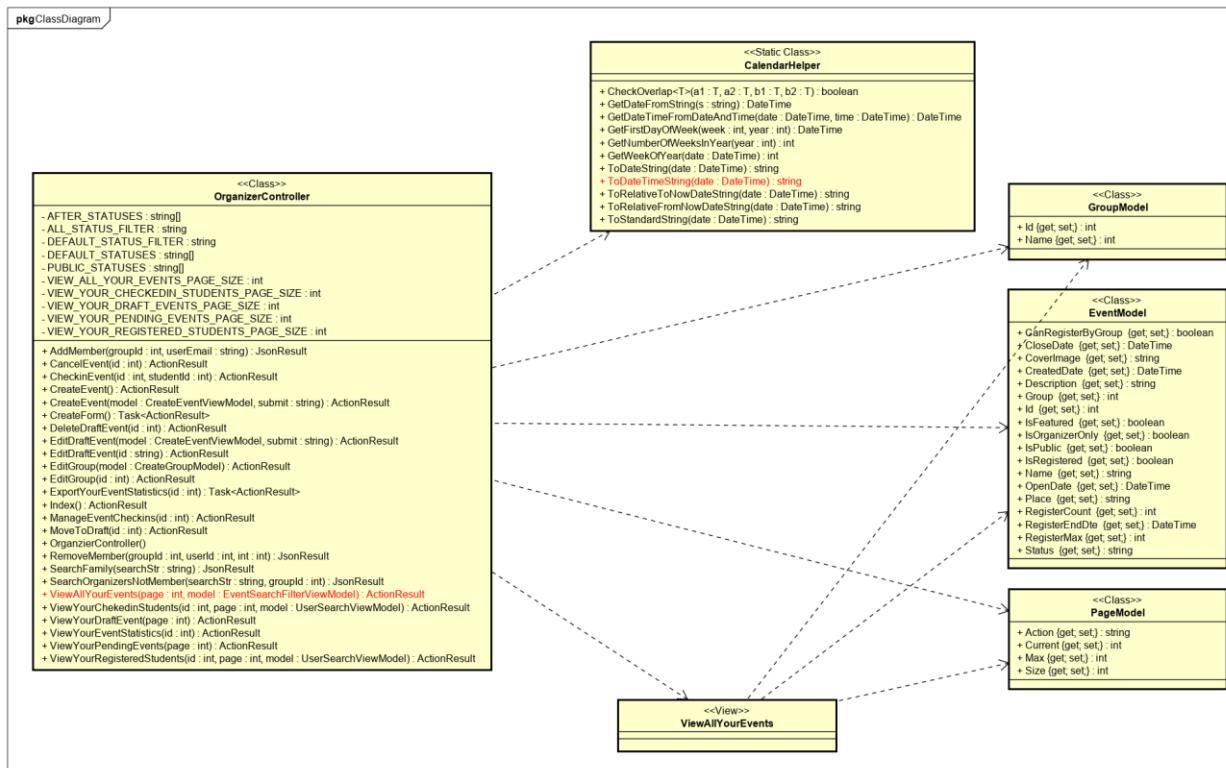
3.2.5.12. View your events 作成したイベント閲覧

Screen Design

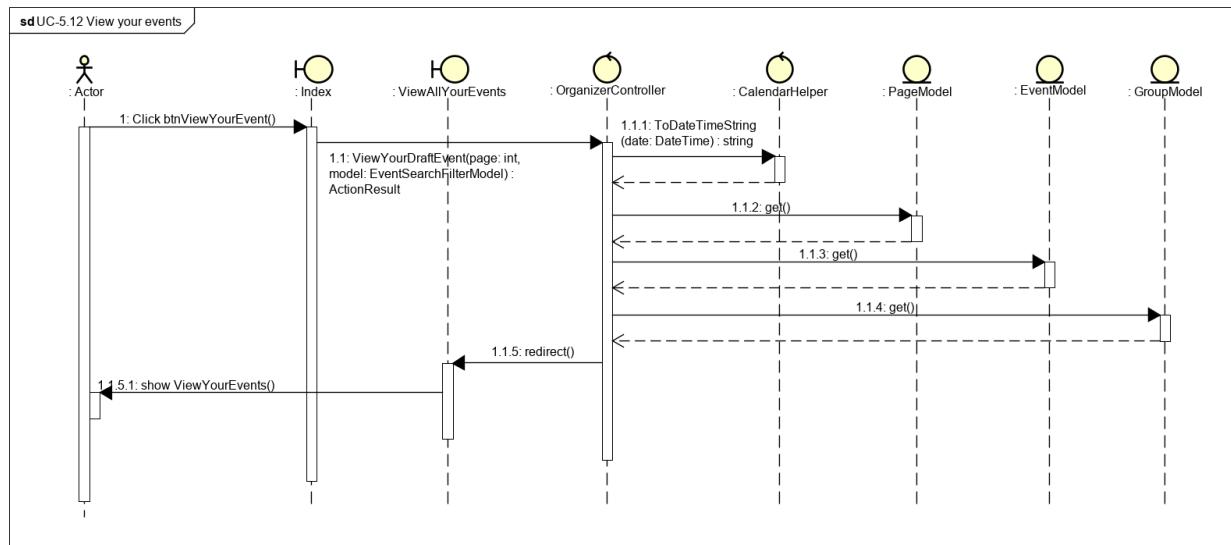
The screenshot shows the 'View all your events' screen. At the top, there are navigation links for 'Home' and 'Role: Organizer'. On the right, there are buttons for 'Notifications', 'Duyễn', and 'Logout'. Below the navigation, a breadcrumb trail shows 'Organizer / View all your events'. The main content area has a heading 'View all your events' and a sub-instruction 'Show all your events that are Opening, Happening or Closed'. There is a search bar with a placeholder 'Event name...' and a dropdown menu for 'Status' set to 'Opening and Happening'. A 'Search' button is also present. The event list table has columns: No, Name, Group, Status, and Created date. The first event is 'Estrella' (Câu lạc bộ No Shy) created on 26/04/2019 at 01:51. The second event is 'Học Kỳ Trao Đổi Tại Đại Học Kanto Gakuin - Nhật Bản' (Phòng Phát triển Cá nhân (IC - PDP)) created on 26/04/2019 at 01:46. The third event is 'CHƯƠNG TRÌNH TRÁI NGHIỆM ĐẶC BIỆT KẾT HỢP GIỮA ĐẠI HỌC FPT VÀ ĐẠI HỌC INJE, HÀN QUỐC' (Phòng Phát triển Cá nhân (IC - PDP)) created on 26/04/2019 at 01:47. Each event row contains a 'View your event statistics' button and a 'Checkin event' button with a specific timestamp.

Figure 48. View your events screen

Class Diagram



Sequence Diagram

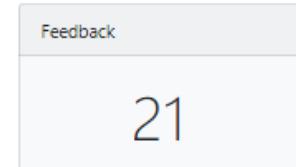
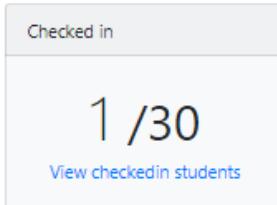
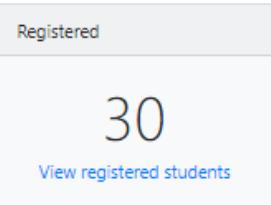


3.2.5.13. View statistic 統計閱覽

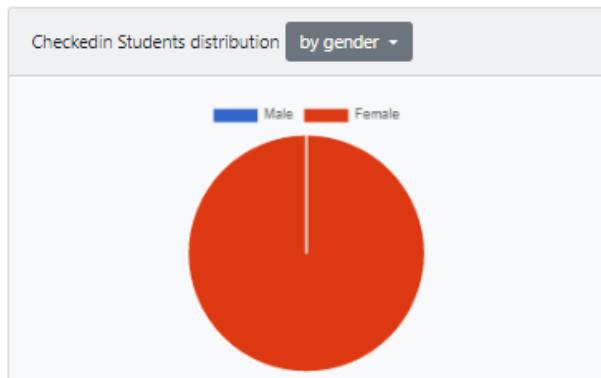
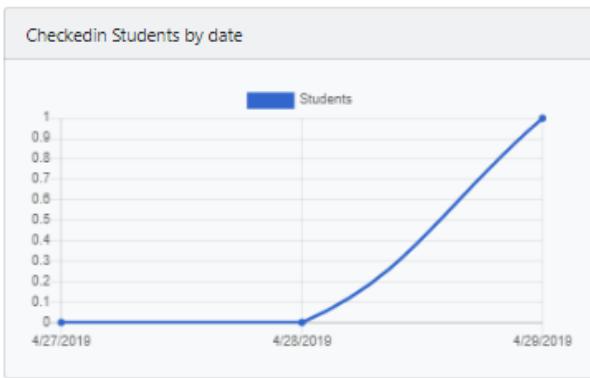
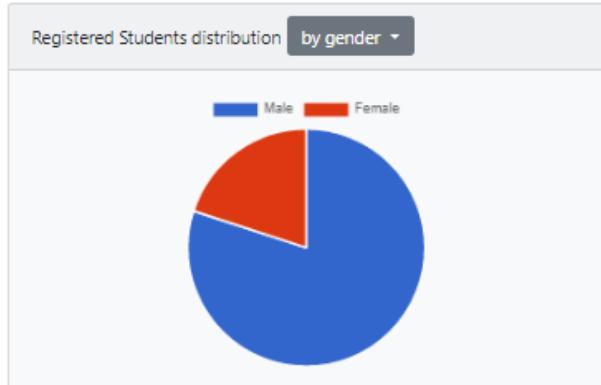
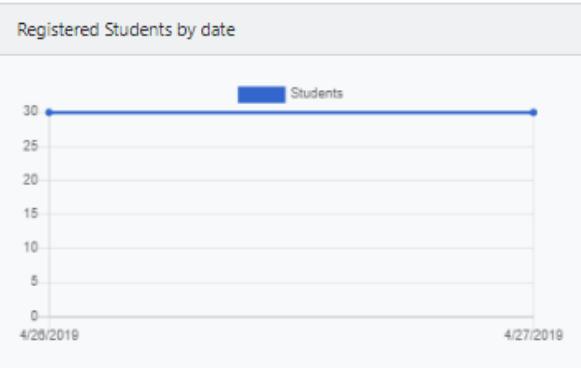
Screen Design

[Organizer](#) / [View all your events](#) / [View your event statistics](#)

Khóa học Public Speaking 15 ngày tại Malaysia và Singapore



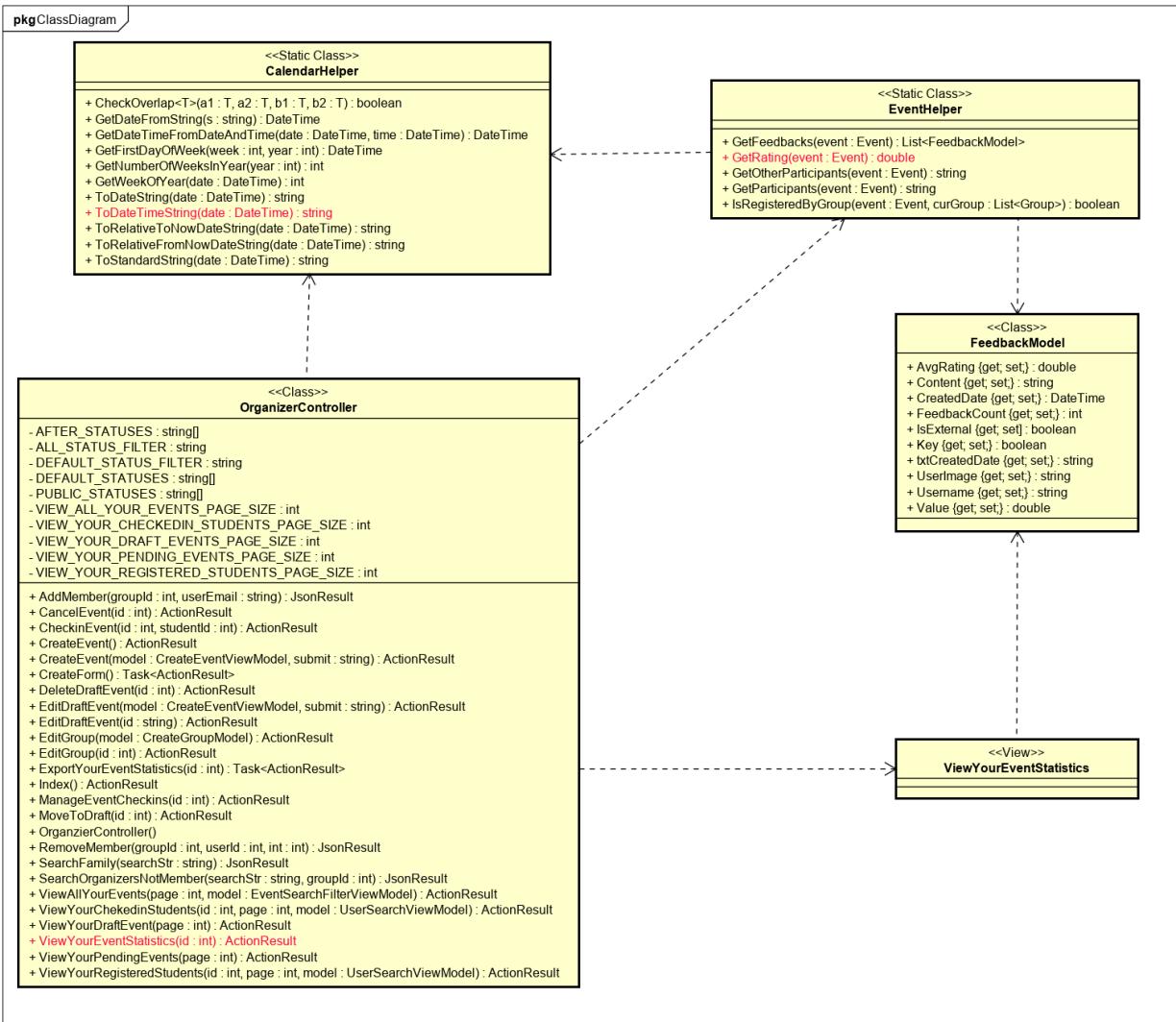
[Export your event statistics](#)



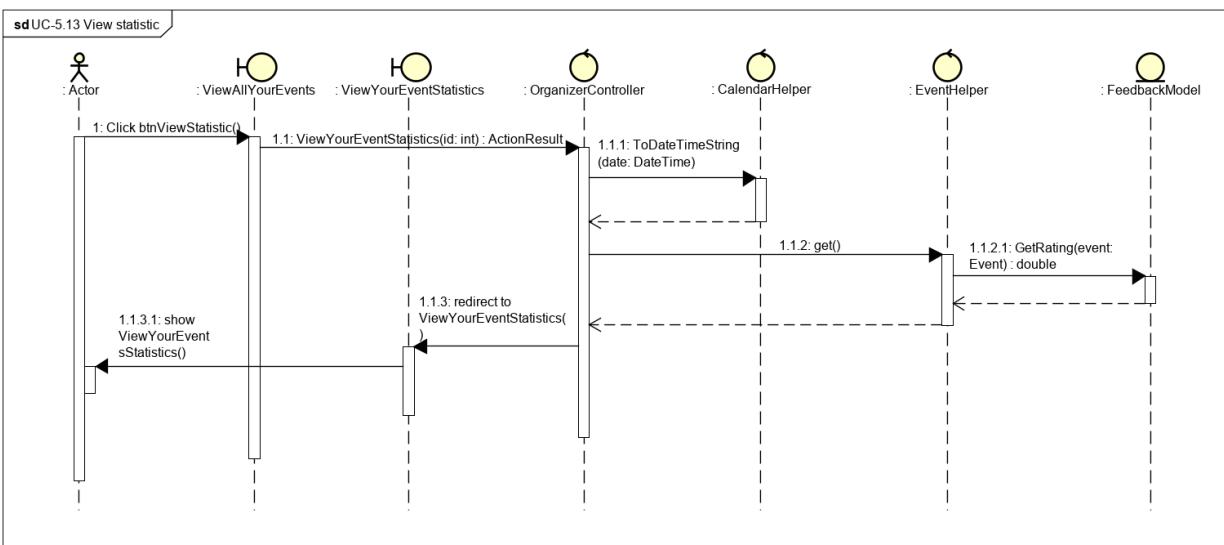
[Event form statistics](#)

[View event form statistics](#)

Class Diagram

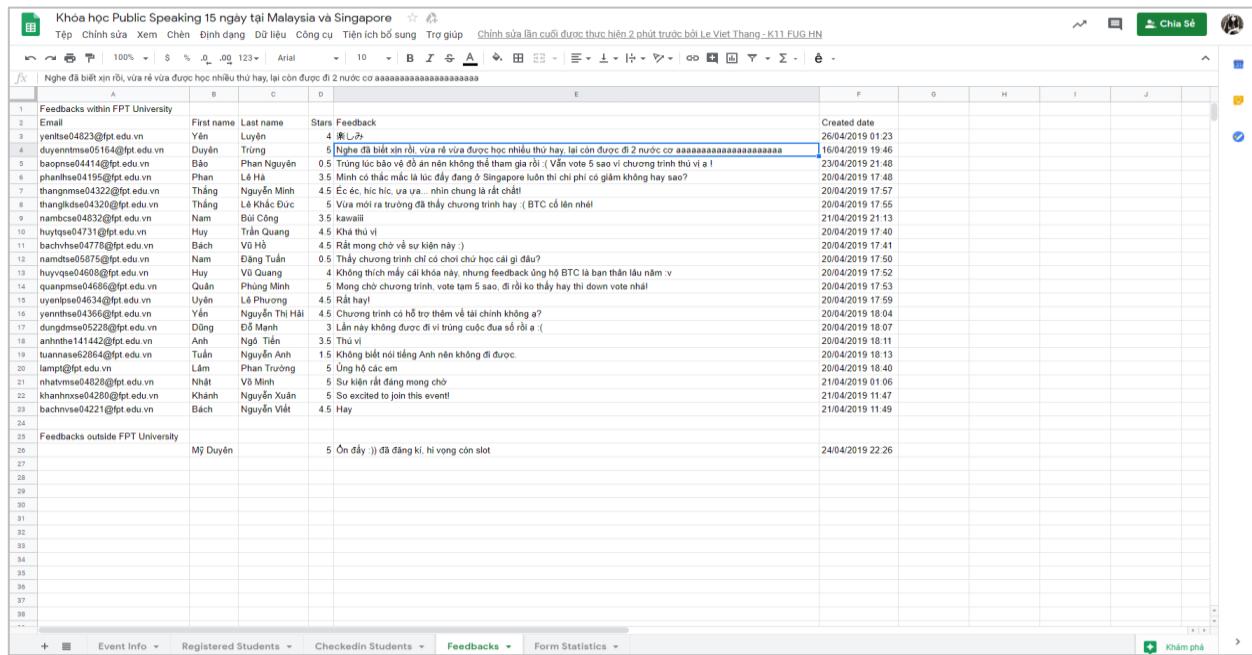


Sequence Diagram



3.2.5.14. Export statistic 統計抽出

Screen Design



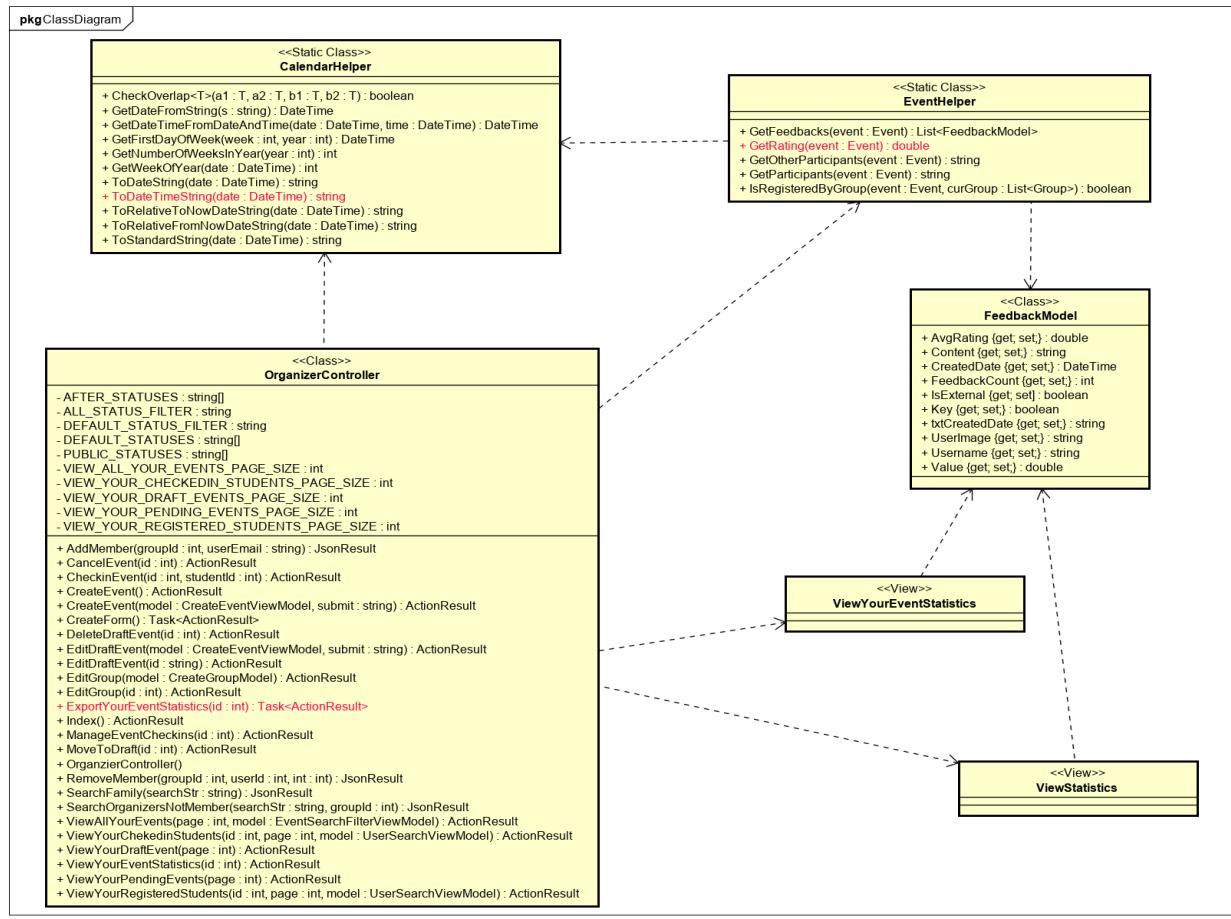
The screenshot shows a Microsoft Excel-like interface for managing event feedback. The title bar indicates the document is titled 'Khóa học Public Speaking 15 ngày tại Malaysia và Singapore'. The main content is a table with the following columns:

	A	B	C	D	E	F	G	H	I	J
1	Feedbacks within FPT University									
2	Email	First name	Last name	Stars	Feedback	Created date				
3	yentts04823@fpt.edu.vn	Yến	Luyện	4	Đã biết xin rồi, vừa rẻ vừa được học nhiều thứ hay, lại còn được đi 2 nước cơ aaaaaaaaaaaaaaaaaaaaaaa	25/04/2019 01:23				
4	duyenlmms05164@fpt.edu.vn	Duyên	Tríprung	5	Nghe đã biết xin rồi, vừa rẻ vừa được học nhiều thứ hay, lại còn được đi 2 nước cơ aaaaaaaaaaaaaaaaaaaaaaa	16/04/2019 19:46				
5	baopnse04414@fpt.edu.vn	Bảo	Phan Nguyễn	0.5	Trung lực bảo vệ ăn nên không thể thảm giá rồi ! Vẫn vote 5 sao vì chương trình thú vị !	23/04/2019 21:48				
6	phanhns034195@fpt.edu.vn	Phan	Lê Hà	3.5	Minh có thắc mắc là lúc đây đang ở Singapore luôn thi chí phí có giảm không hay sao?	20/04/2019 17:48				
7	thangnmse03322@fpt.edu.vn	Thắng	Nguyễn Minh	4.5	Éc éc, hic hic, ua ua... nhìn chung là rất chất!	20/04/2019 17:57				
8	thanglkse04320@fpt.edu.vn	Thắng	Lê Khắc Đức	5	Vừa mới ra trường đã thấy chương trình hay (BTC có lén nhá)	20/04/2019 17:55				
9	nambsce04832@fpt.edu.vn	Nam	Bùi Công	3.5	kawalli	21/04/2019 21:13				
10	huytqse04731@fpt.edu.vn	Huy	Trần Quang	4.5	Kha thu vi	20/04/2019 17:40				
11	bachvnsse04778@fpt.edu.vn	Bách	Võ Hồ	4.5	Rất mong chờ về sự kiện này :)	20/04/2019 17:41				
12	namdtsse05875@fpt.edu.vn	Nam	Đặng Tuấn	0.5	Thấy chương trình chỉ có chơi chủ học cái gì đâu?	20/04/2019 17:50				
13	huyvqse0460@fpt.edu.vn	Huy	Võ Quang	4	Không thích mấy cái khóa này, nhưng feedback ủng hộ BTC là ban thân lâu năm v	20/04/2019 17:52				
14	quangpnse04686@fpt.edu.vn	Quang	Phùng Minh	5	Mong chờ chương trình, vote tạm 5 sao, đi rồi ko thấy hay thì down vote nhá!	20/04/2019 17:53				
15	uyenpnsse04634@fpt.edu.vn	Uyên	Lê Phương	4.5	Rất hay!	20/04/2019 17:59				
16	yenrthse04366@fpt.edu.vn	Yến	Nguyễn Thị Hải	4.5	Chương trình có hỗ trợ thêm về tài chính không?	20/04/2019 18:04				
17	dungdmsse05228@fpt.edu.vn	Dũng	Đỗ Mạnh	3	Lần này không được đi vì trùng cuộc đua số rồi a :	20/04/2019 18:07				
18	anhntse14142@fpt.edu.vn	Anh	Ngô Tiên	3.5	Thú vĩ	20/04/2019 18:11				
19	tuanasse02864@fpt.edu.vn	Tuân	Nguyễn Anh	1.5	Không biết nói tiếng Anh nên không đc được.	20/04/2019 18:13				
20	lampt@fpt.edu.vn	Lâm	Phan Trường	5	Üng hộ các em	20/04/2019 18:40				
21	nhatvnsse04828@fpt.edu.vn	Nhật	Võ Minh	5	Sư kiến rất đáng mong chờ	21/04/2019 01:06				
22	khanhnsse04269@fpt.edu.vn	Khanh	Nguyễn Xuân	5	So excited to join this event!	21/04/2019 11:47				
23	bachvnsse04221@fpt.edu.vn	Bách	Nguyễn Việt	4.5	Hay	21/04/2019 11:49				
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
--										

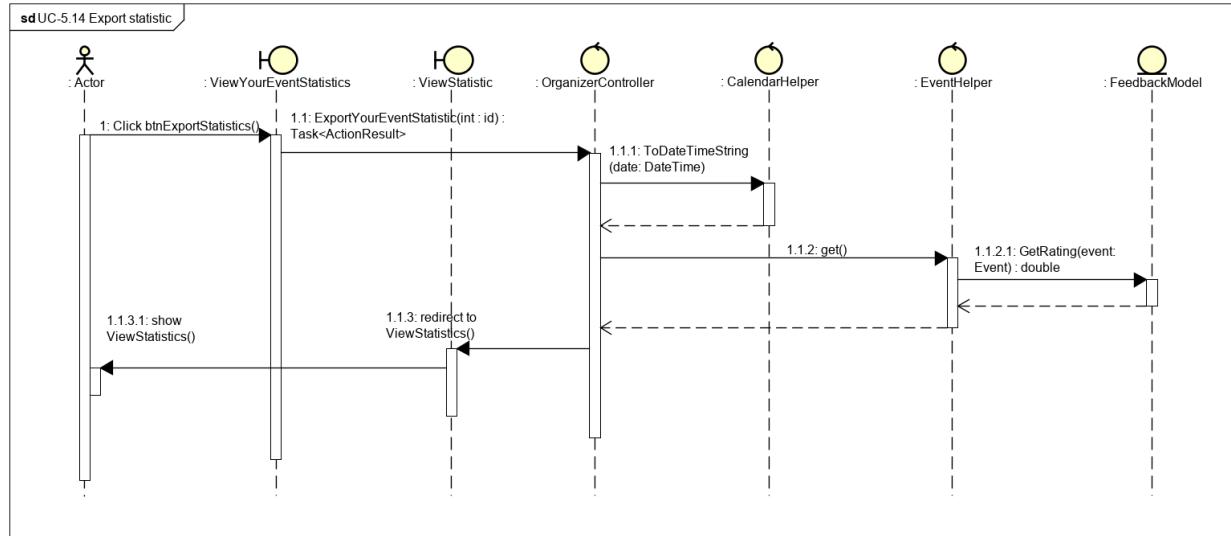
Below the table, there are tabs for 'Event Info', 'Registered Students', 'Checkedin Students', 'Feedbacks' (which is selected), and 'Form Statistics'. A status bar at the bottom right shows 'Khám phá'.

Figure 49. Export statistics screen

Class Diagram

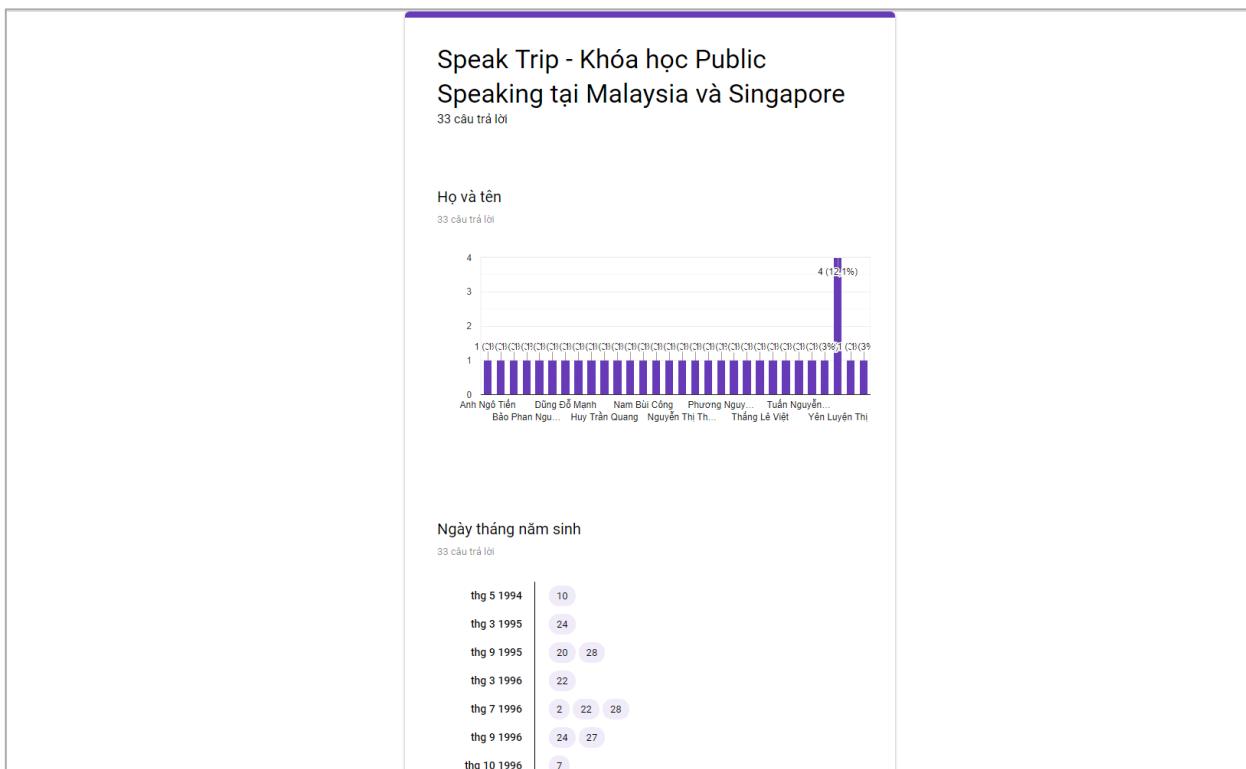


Sequence Diagram

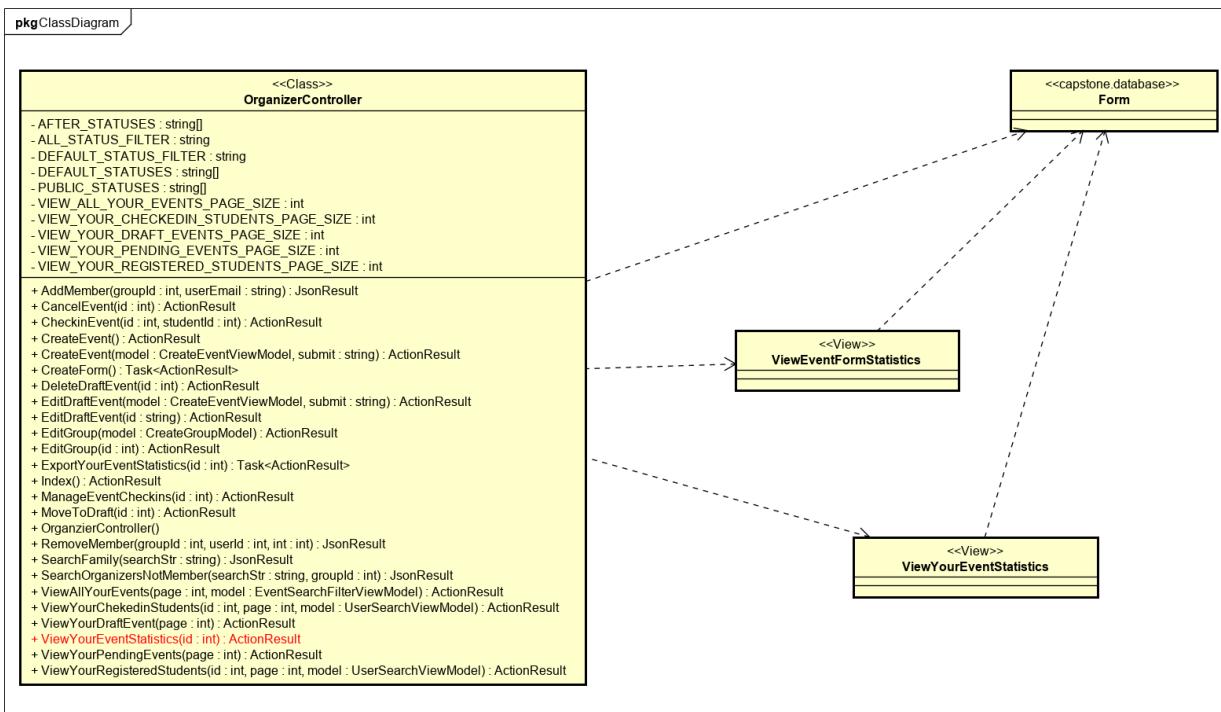


3.2.5.15. View event form statistic 統計フォームの閲覧

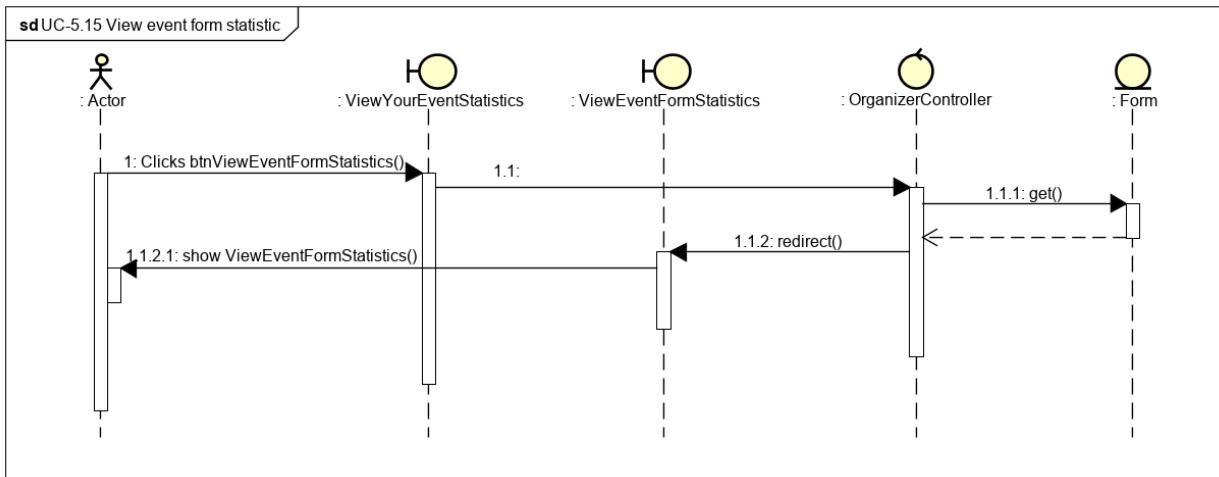
Screen Design



Class Diagram



Sequence Diagram



3.2.5.16. Check-in event イベントチェックイン

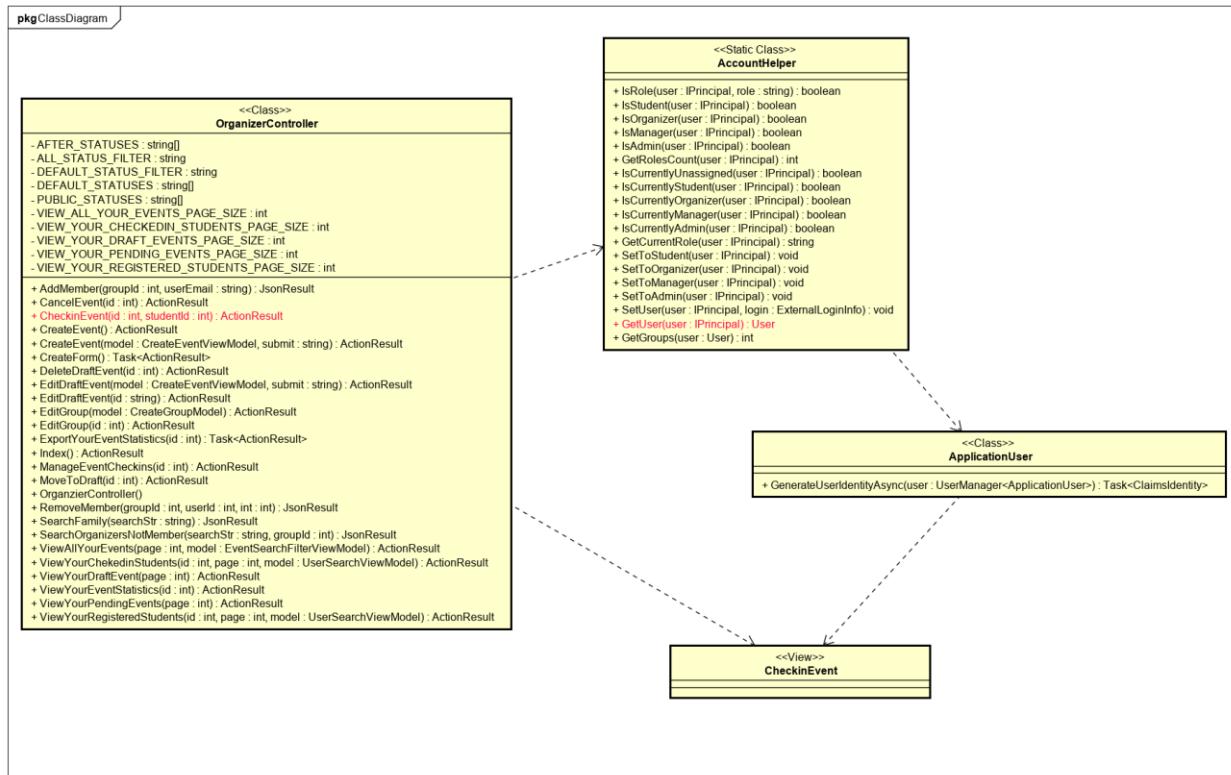
Screen Design

No	Email	Name	
1	yenltse04823@fpt.edu.vn	Yến Luyện Thị	<button>Checkin</button>
2	thanglvse04854@fpt.edu.vn	Tháng Lê Việt	<button>Checkin</button>
3	phuongnmse05113@fpt.edu.vn	Momo Beria	<button>Checkin</button>
4	huongdlse05123@fpt.edu.vn	Hương Đinh Lan	<button>Checkin</button>
5	duyenntmse05164@fpt.edu.vn	Duyên Trùng	<button>Checkin</button>
6	thangnmse04322@fpt.edu.vn	Tháng Nguyễn Minh	<button>Checkin</button>
7	thanglkdse04320@fpt.edu.vn	Tháng Lê Khắc Đức	<button>Checkin</button>

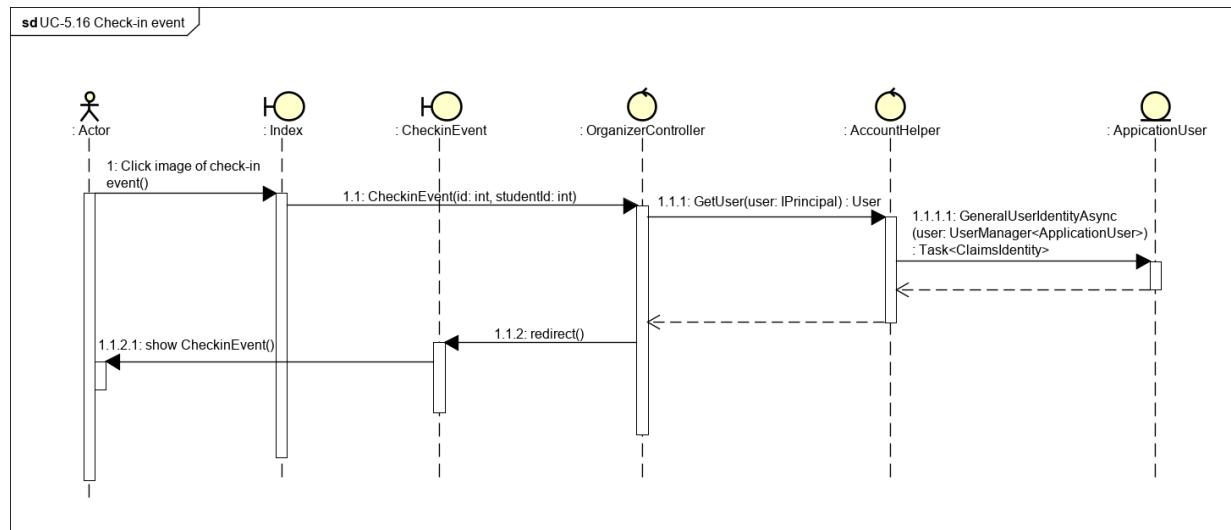
© Developed by YPHDT Team - FPT University

Figure 50. Check-in event screen

Class Diagram



Sequence Diagram



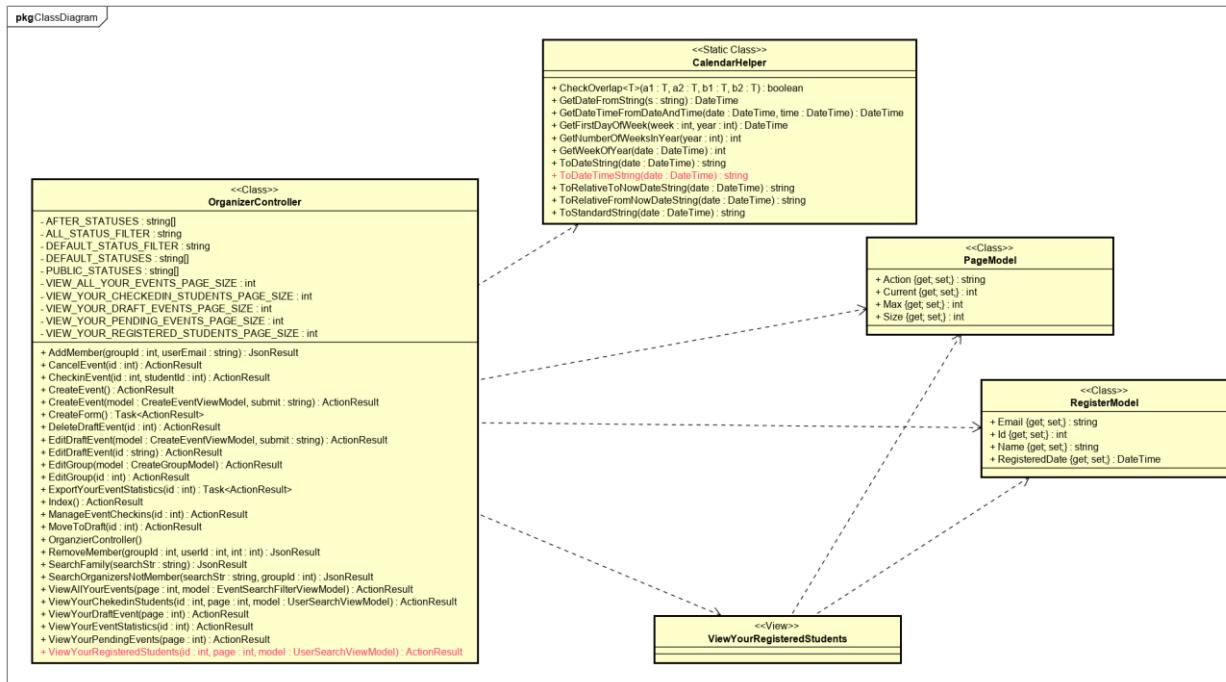
3.2.5.17. View registered students 申請済み学生の閲覧

Screen Design

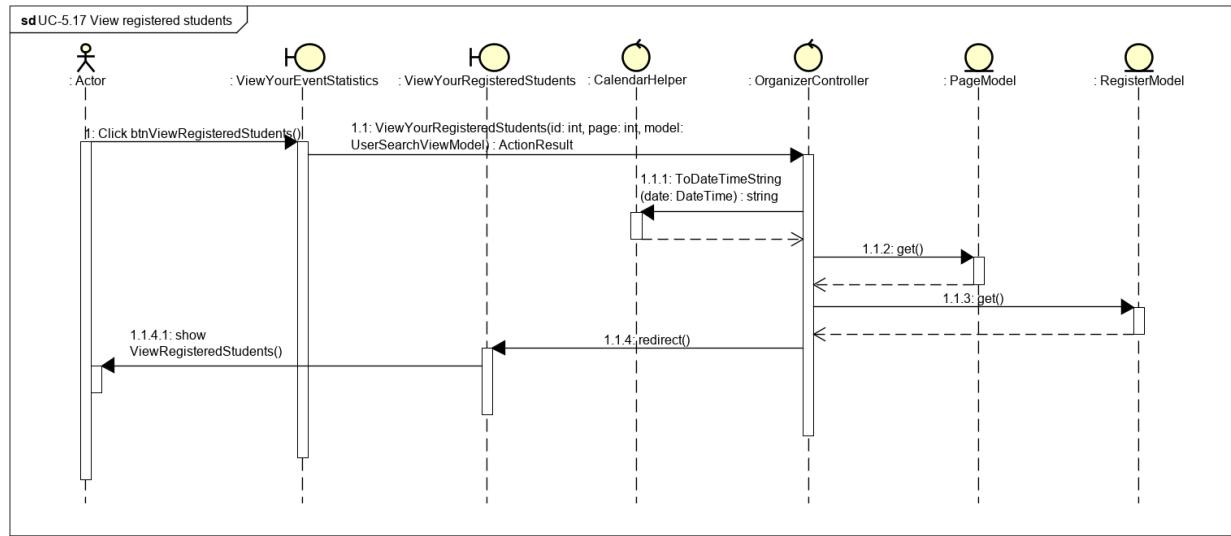
No	Name	Email	Registered Date
1	Nguyễn Thị Hải Yến	yennthse04366@fpt.edu.vn	20/04/2019 18:04
2	Luyễn Yến	yenltse04923@fpt.edu.vn	20/04/2019 21:37
3	Lê Phương Uyên	uyenlpse04634@fpt.edu.vn	20/04/2019 17:59
4	Hồ Thảo Uyên	uyenhtsb01954@fpt.edu.vn	20/04/2019 17:26
5	Nguyễn Anh Tuấn	tuanmase04862@fpt.edu.vn	20/04/2019 18:12
6	Mai Anh Tuấn	tuanmase04862@fpt.edu.vn	16/04/2019 18:13
7	Nguyễn Minh Thắng	thangnmse04322@fpt.edu.vn	20/04/2019 17:56
8	Lê Khắc Đức Thắng	thanglkdse04320@fpt.edu.vn	20/04/2019 17:55
9	Phùng Minh Quân	quanpmse04686@fpt.edu.vn	20/04/2019 17:53
10	Beria Momo	phuongnmse05113@fpt.edu.vn	16/04/2019 16:21
11	Lê Hà Phan	phanlhse04195@fpt.edu.vn	20/04/2019 17:48
12	Võ Minh Nhật	nhatvmsse04828@fpt.edu.vn	21/04/2019 01:06
13	Đặng Tuấn Nam	namdtse05875@fpt.edu.vn	20/04/2019 17:50

Figure 51. View registered students screen

Class Diagram



Sequence Diagram



3.2.5.18. View checked-in students チェックイン済み学生の閲覧

Screen Design

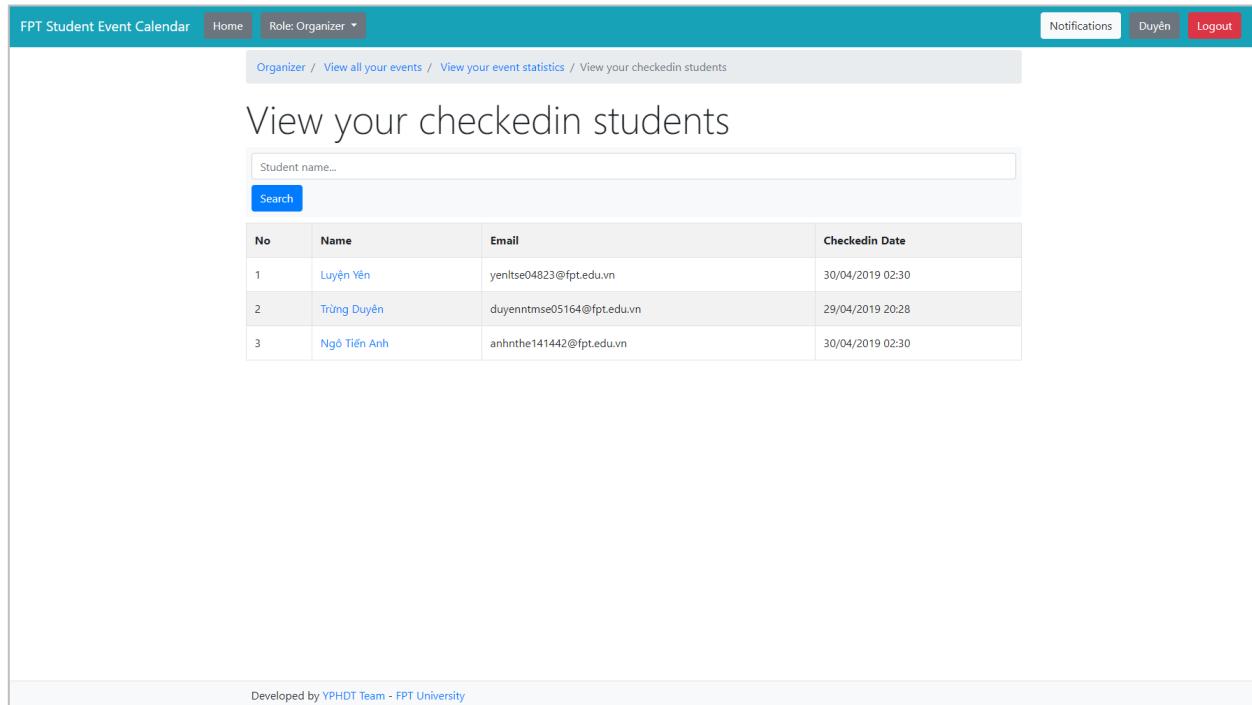
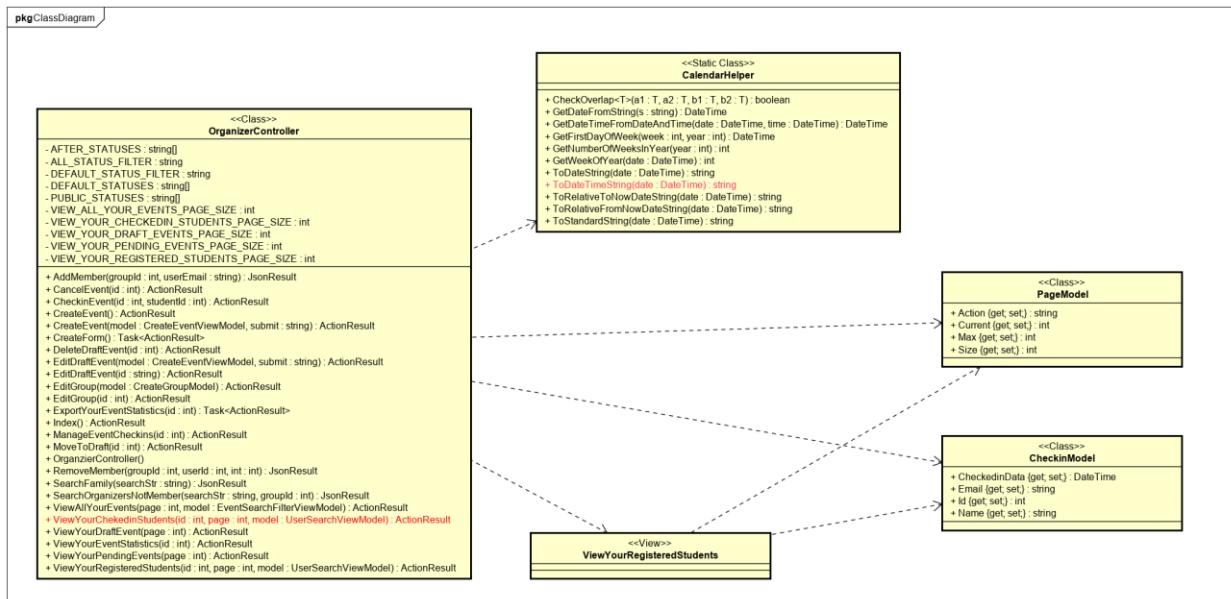
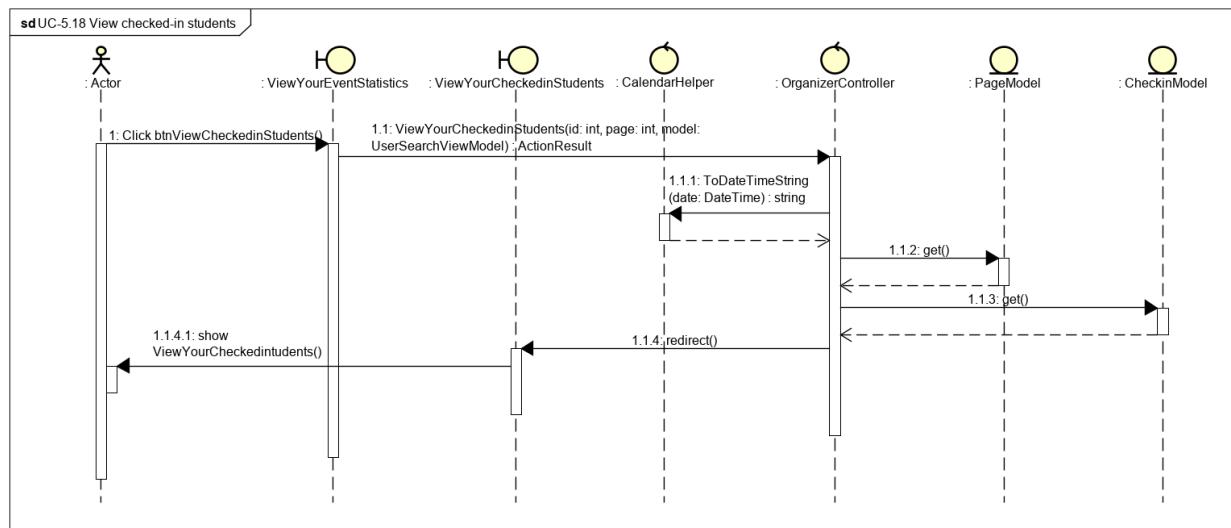


Figure 52. View checked-in students screen

Class Diagram



Sequence Diagram



3.2.6. Manage category カテゴリー管理

3.2.6.1. Create category カテゴリー作成

Screen Design

Create new category.

CategoryName

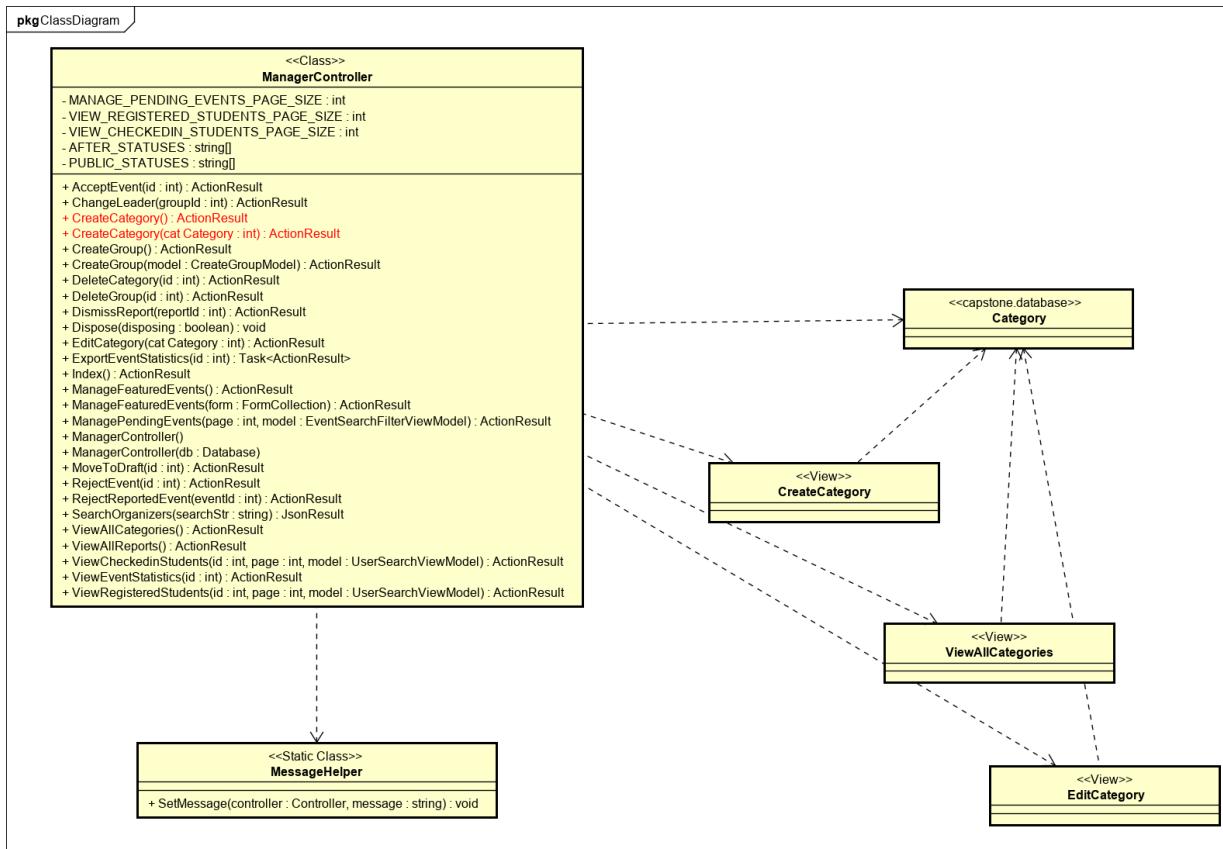
CategoryDescription

Create

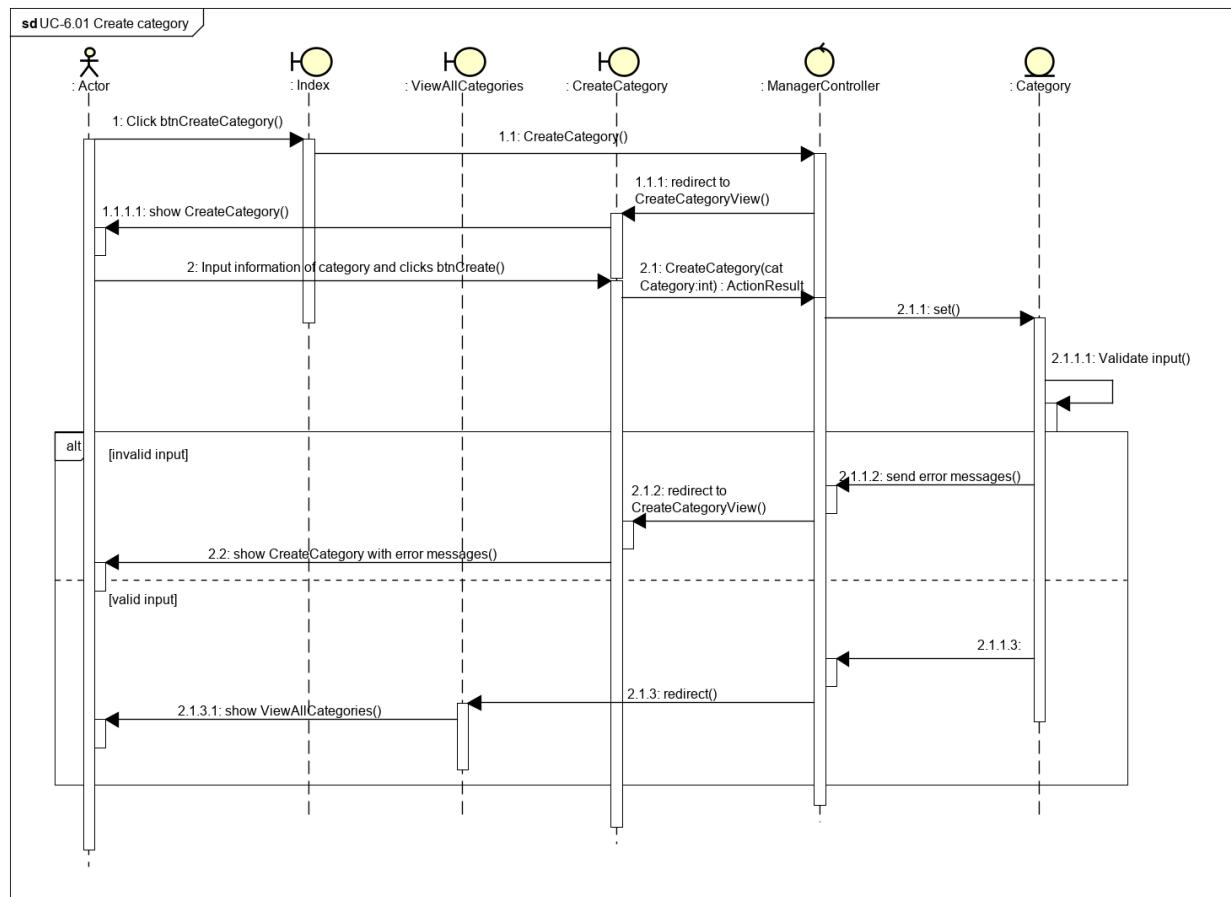
Developed by YPHDT Team - FPT University

Figure 53. Add category screen

Class Diagram



Sequence Diagram



3.2.6.2. View list category カテゴリー一覧の閲覧

Screen Design

View list of all currently available categories.

Show 10 entries Search:

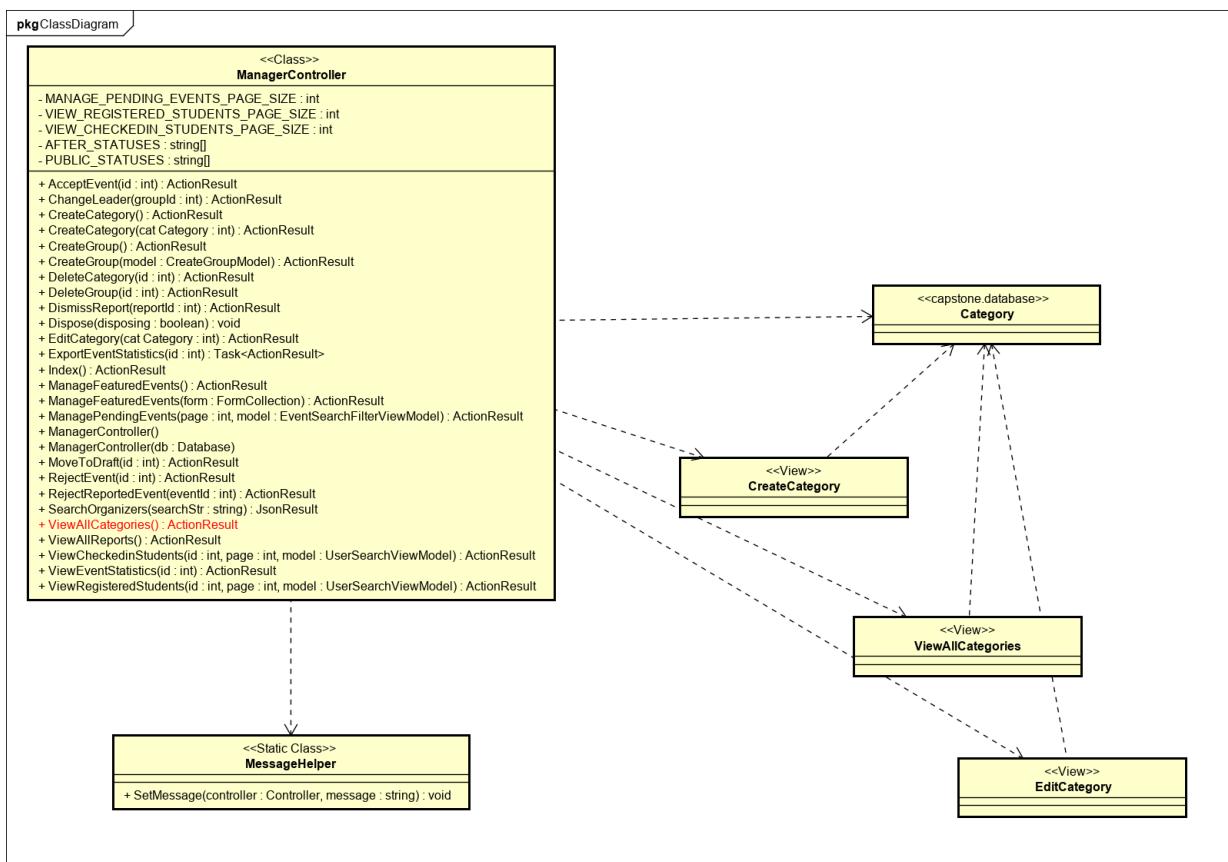
No	Category name	Description	Created date	Created by
1	Competition		15/04/2019 21:50	yenltse04823@fpt.edu.vn
2	Field trip		15/04/2019 21:50	yenltse04823@fpt.edu.vn
3	Internal culture		15/04/2019 21:50	yenltse04823@fpt.edu.vn
4	Learning exchange		15/04/2019 21:50	yenltse04823@fpt.edu.vn
5	Learning workshop		15/04/2019 21:50	yenltse04823@fpt.edu.vn
6	Music		15/04/2019 21:50	yenltse04823@fpt.edu.vn
7	Orientation workshop		15/04/2019 21:50	yenltse04823@fpt.edu.vn
8	Recruitement		15/04/2019 21:50	yenltse04823@fpt.edu.vn
9	Recruitment workshop		15/04/2019 21:50	yenltse04823@fpt.edu.vn
10	Softskill workshop		15/04/2019 21:50	yenltse04823@fpt.edu.vn

Previous **1** 2 Next

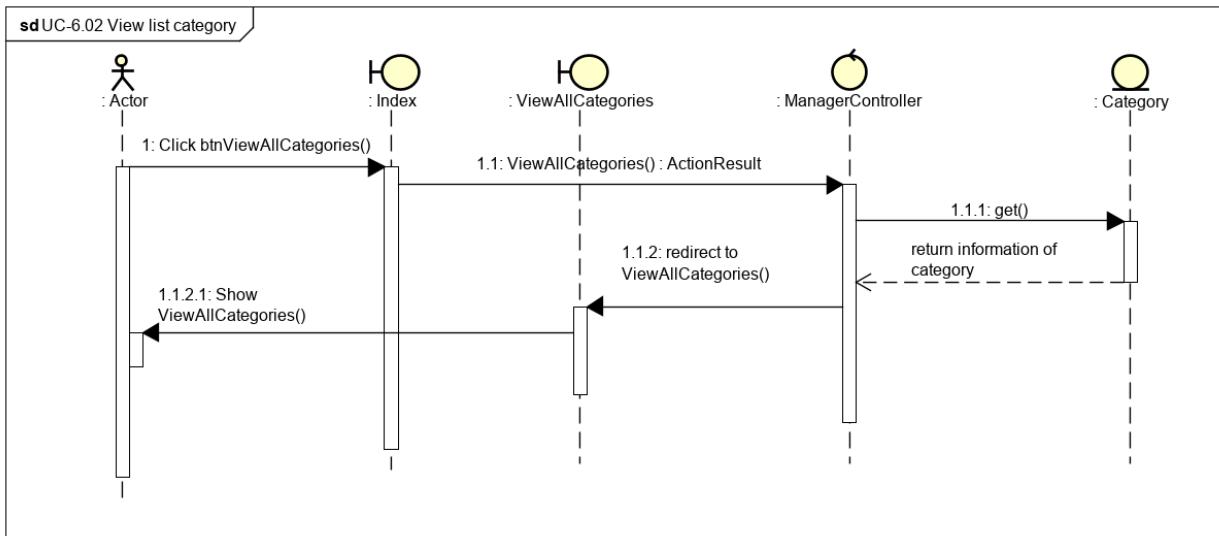
Developed by YPHDT Team - FPT University

Figure 54. View all categories screen

Class Diagram



Sequence Diagram



3.2.6.3. Edit category カテゴリー編集

Screen Design

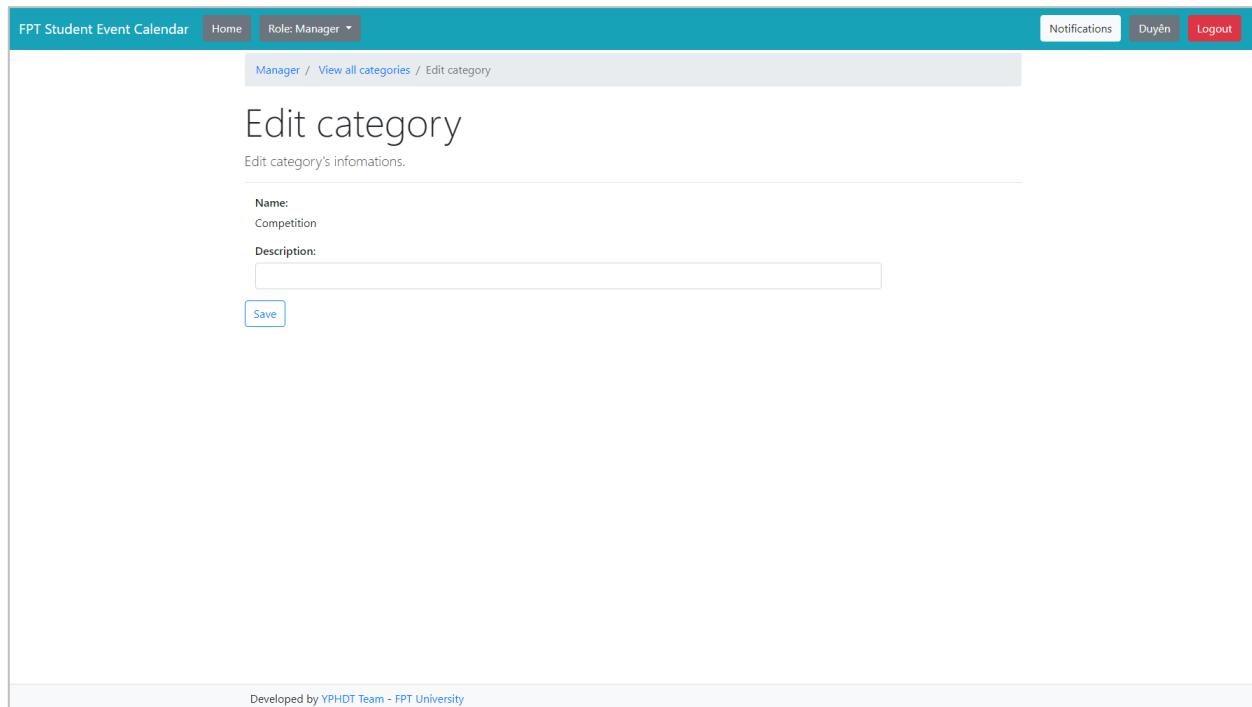
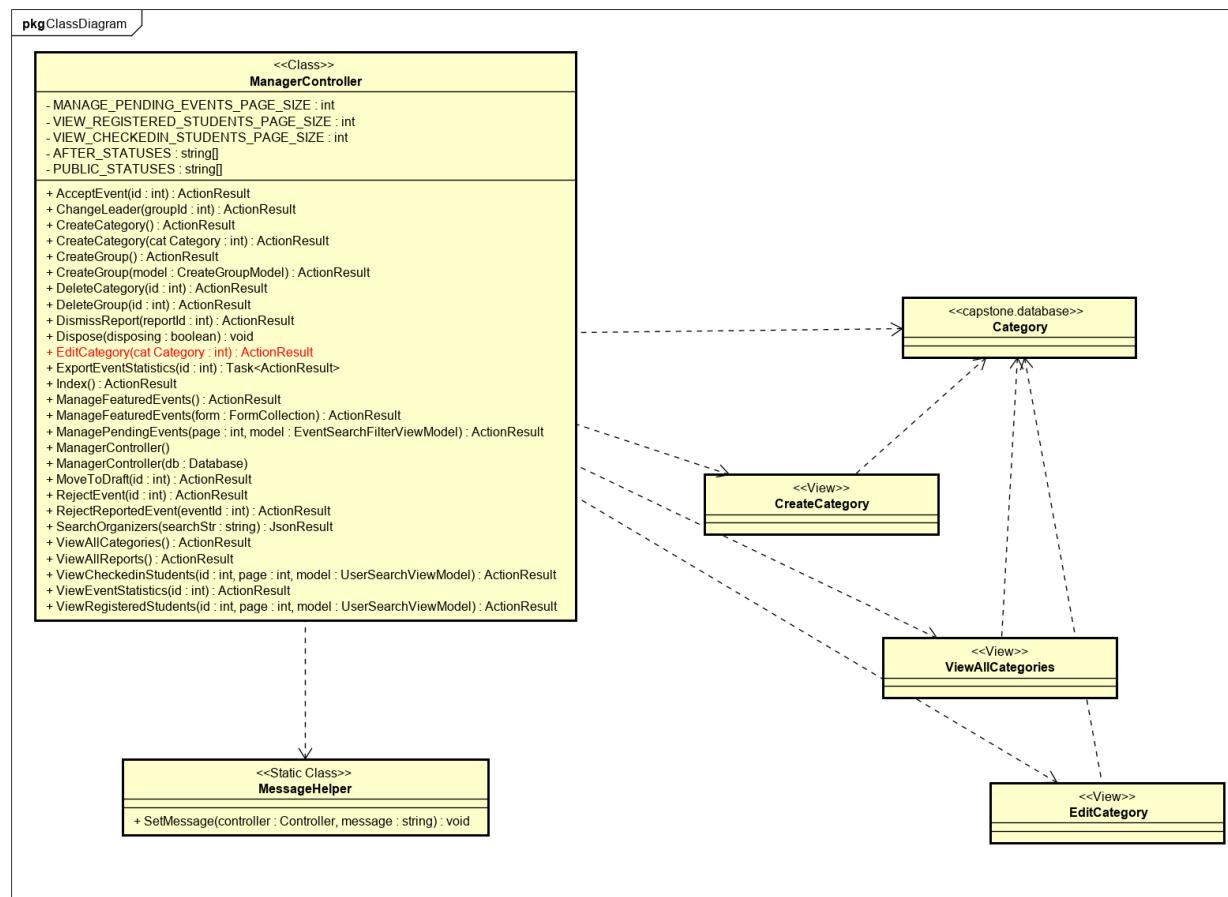
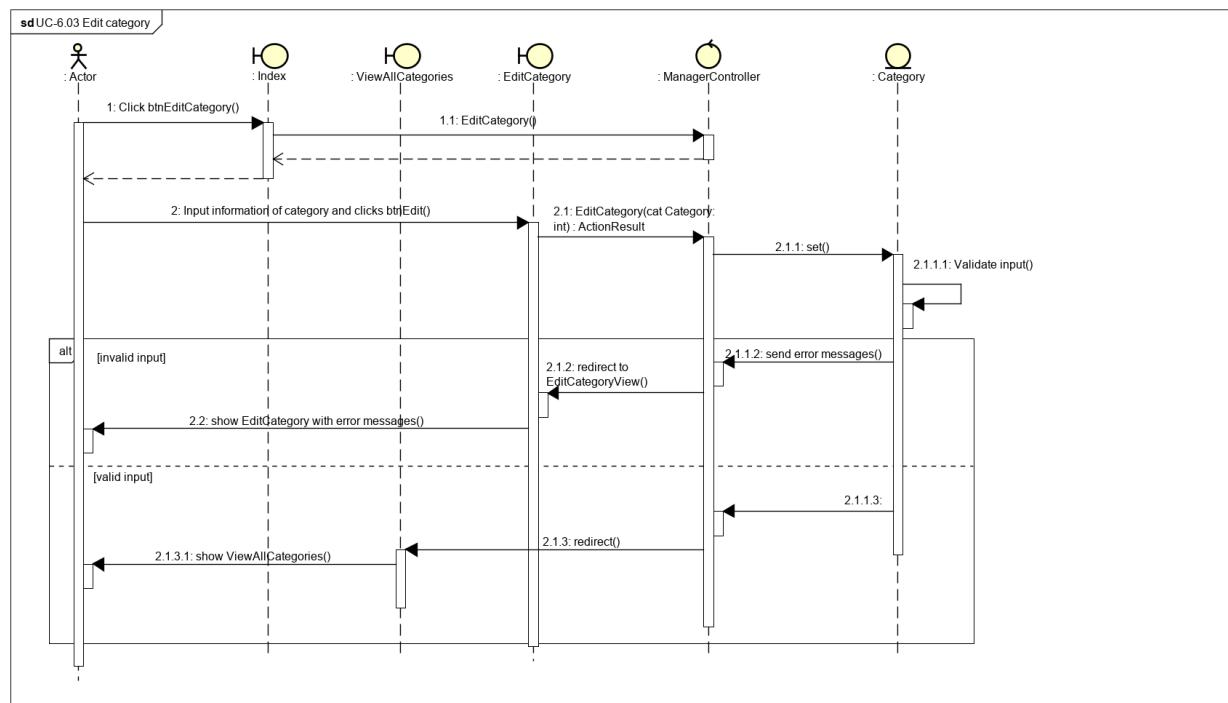


Figure 55. Edit category screen

Class Diagram

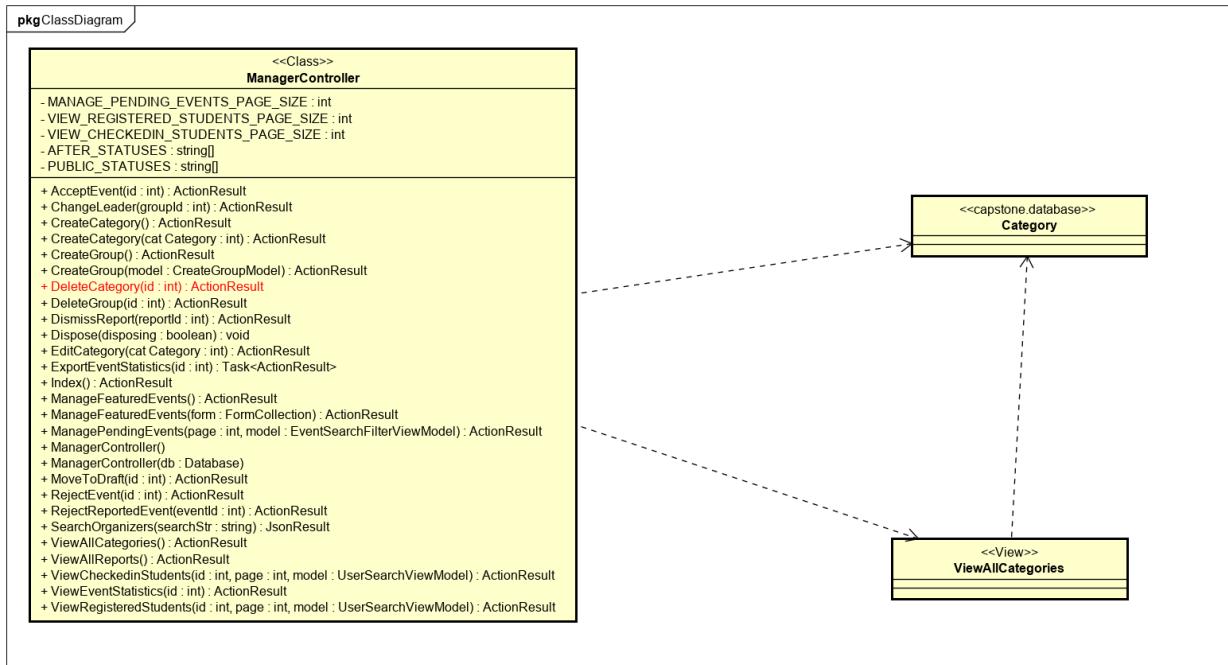


Sequence Diagram

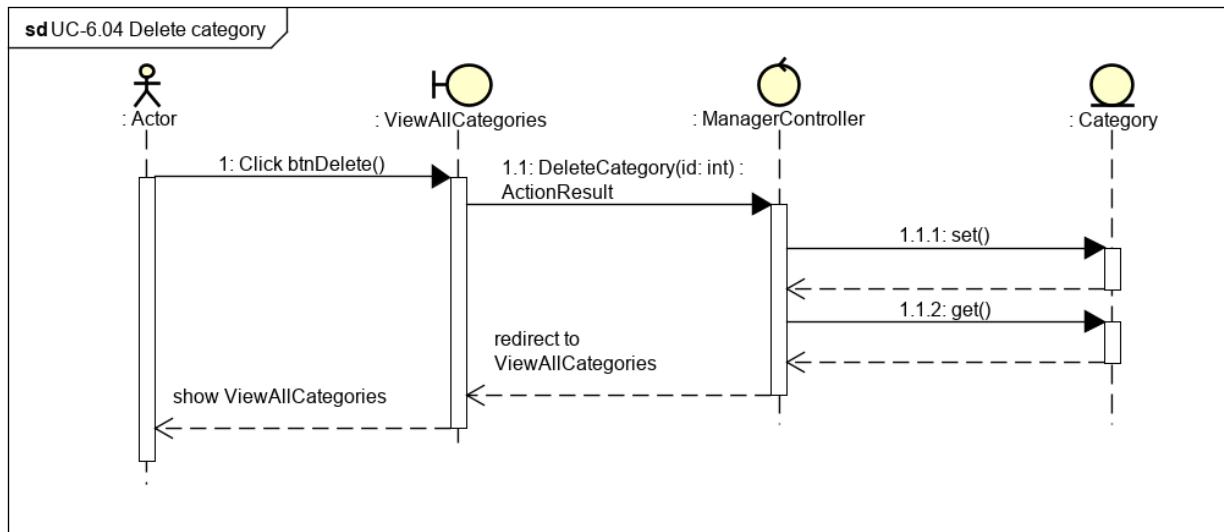


3.2.6.4. Delete category カテゴリー削除

Class Diagram



Sequence Diagram



3.2.6.5. Search category カテゴリー検索

Screen Design

View all categories

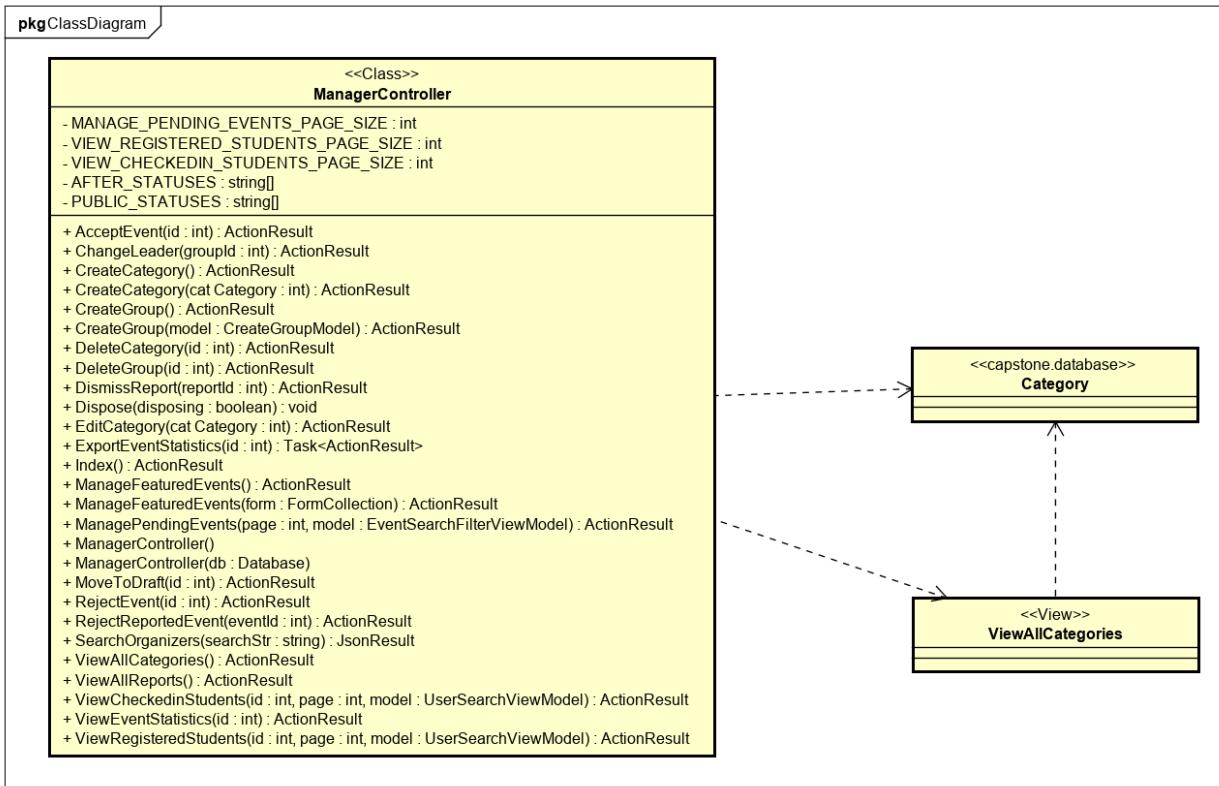
View list of all currently available categories.

Show 10 entries

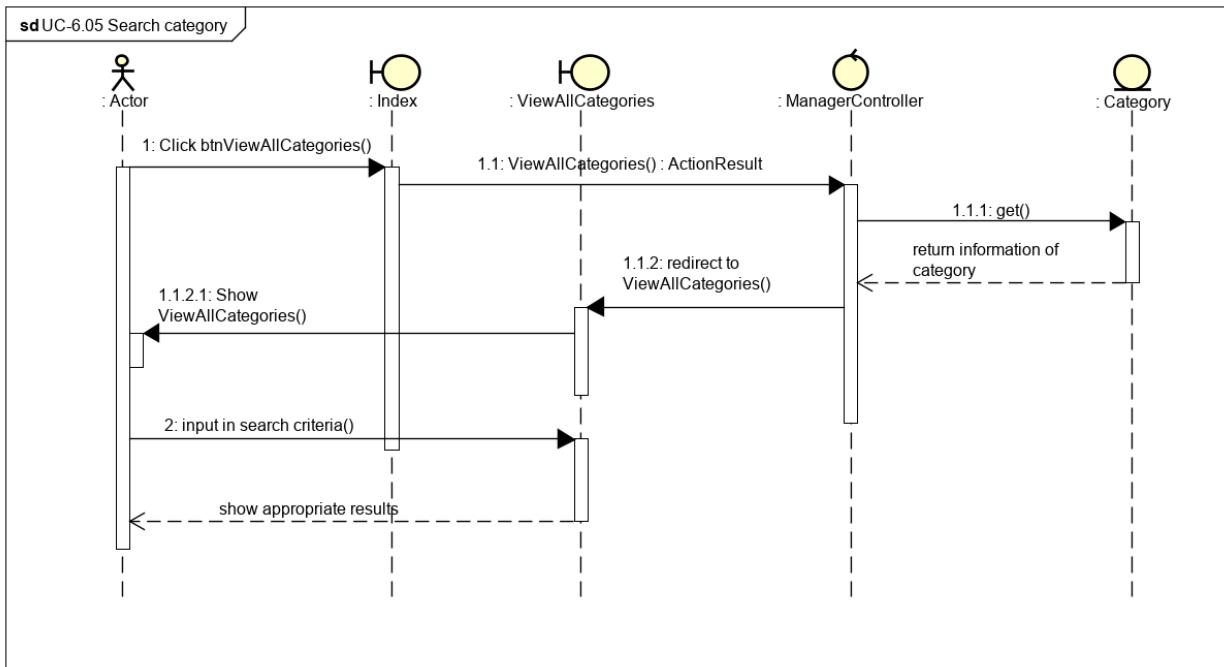
Search:

No	Category name	Description	Created date	Created by	
1	Competition		15/04/2019 21:50	yenltse04823@fpt.edu.vn	Edit Delete

Class Diagram

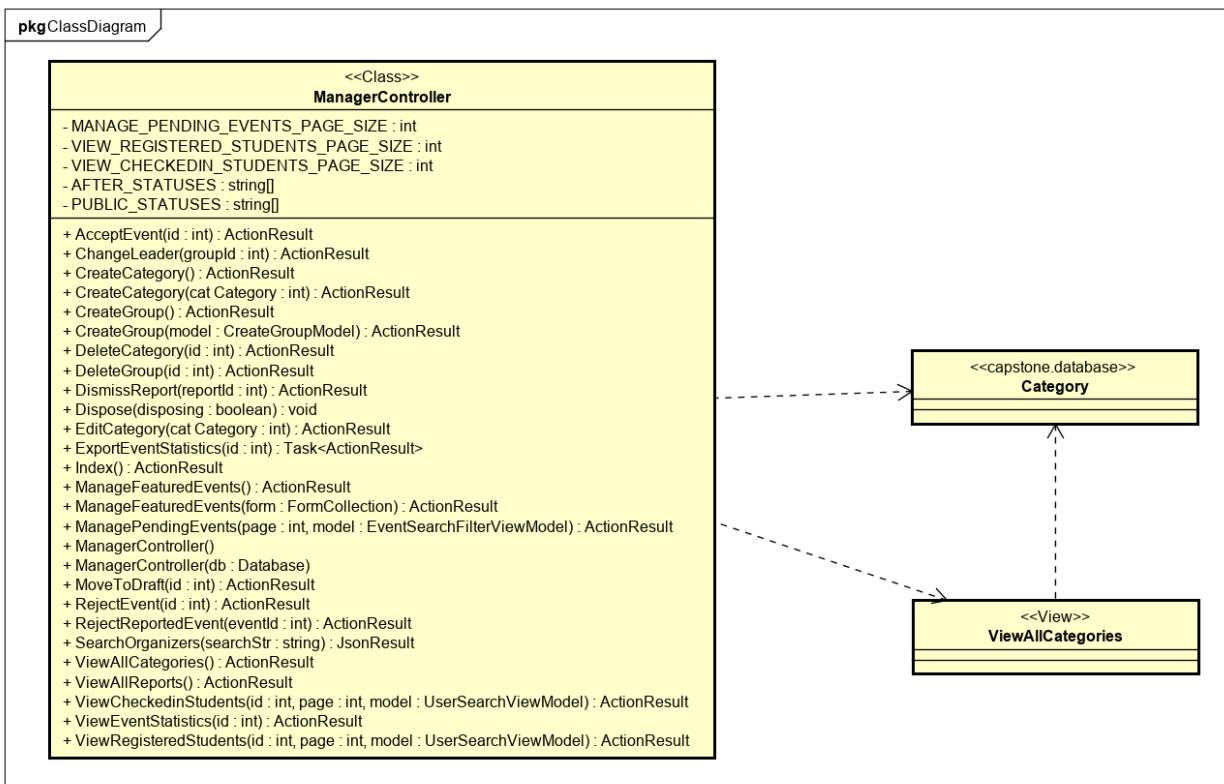


Sequence Diagram

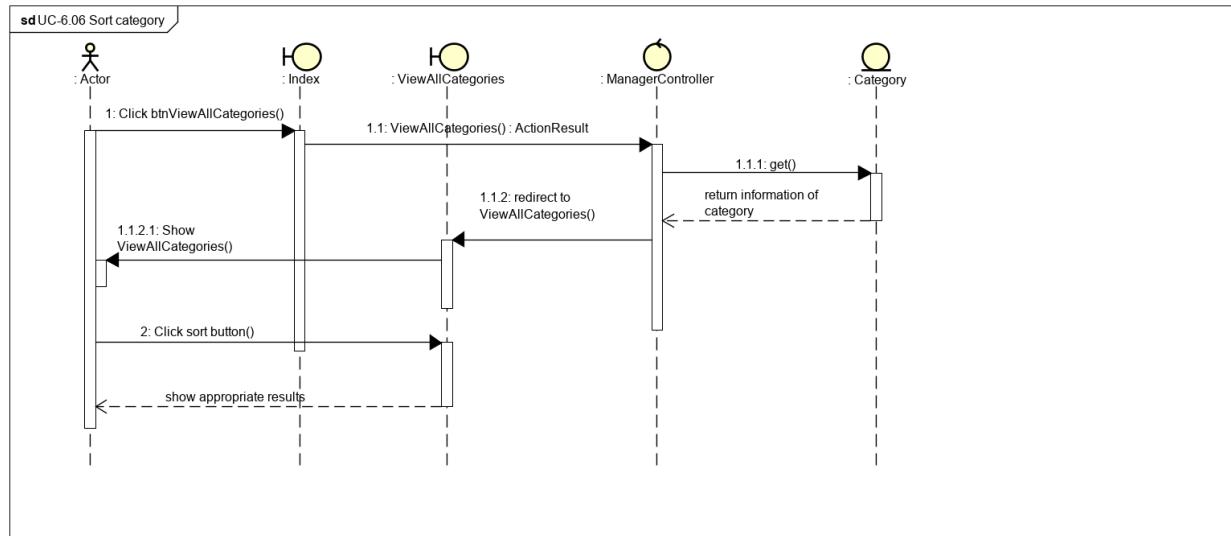


3.2.6.6. Sort category カテゴリーソートの並べ替え

Class Diagram



Sequence Diagram



3.2.7. Manage event イベント管理

3.2.7.1. Make event featured 特集イベント化

Screen Design

No	Event name	Featured
1	FPT EDU NihongoEng 2019 - Vòng sơ loại	<input type="checkbox"/>
2	FPT EDU NihongoEng 2019	<input checked="" type="checkbox"/>
3	Asean Cultural trip tại Bangkok, Thái Lan	<input type="checkbox"/>
4	Khóa học Public Speaking 15 ngày tại Malaysia và Singapore	<input type="checkbox"/>
5	[HÀNH TRÌNH ĐÁNG SỐNG] Trải nghiệm lao động Bắc Giang	<input type="checkbox"/>
6	Học Kỳ Trao Đổi Tại Đại Học Kanto Gakuin - Nhật Bản	<input checked="" type="checkbox"/>
7	CHƯƠNG TRÌNH TRẢI NGHIỆM ĐẶC BIỆT KẾT HỢP GIỮA ĐẠI HỌC FPT VÀ ĐẠI HỌC INJE, HÀN QUỐC	<input type="checkbox"/>
8	Estrella	<input checked="" type="checkbox"/>
9	Codebattle 2019	<input checked="" type="checkbox"/>

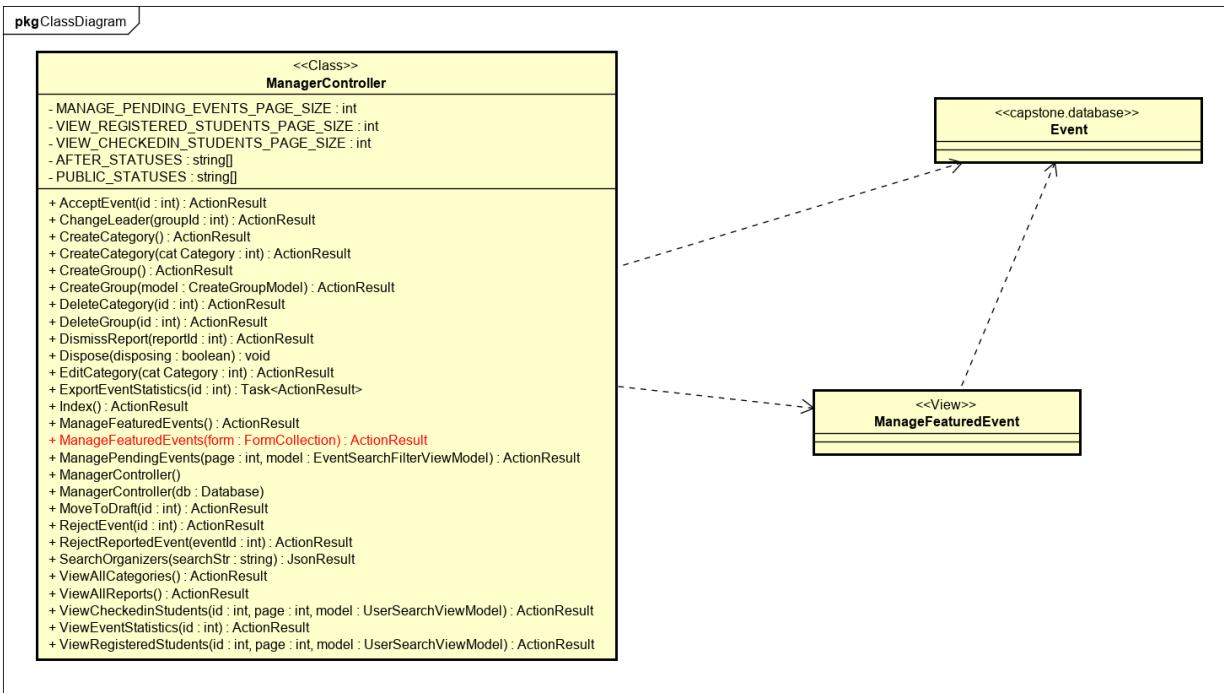
Previous **1** Next

Submit

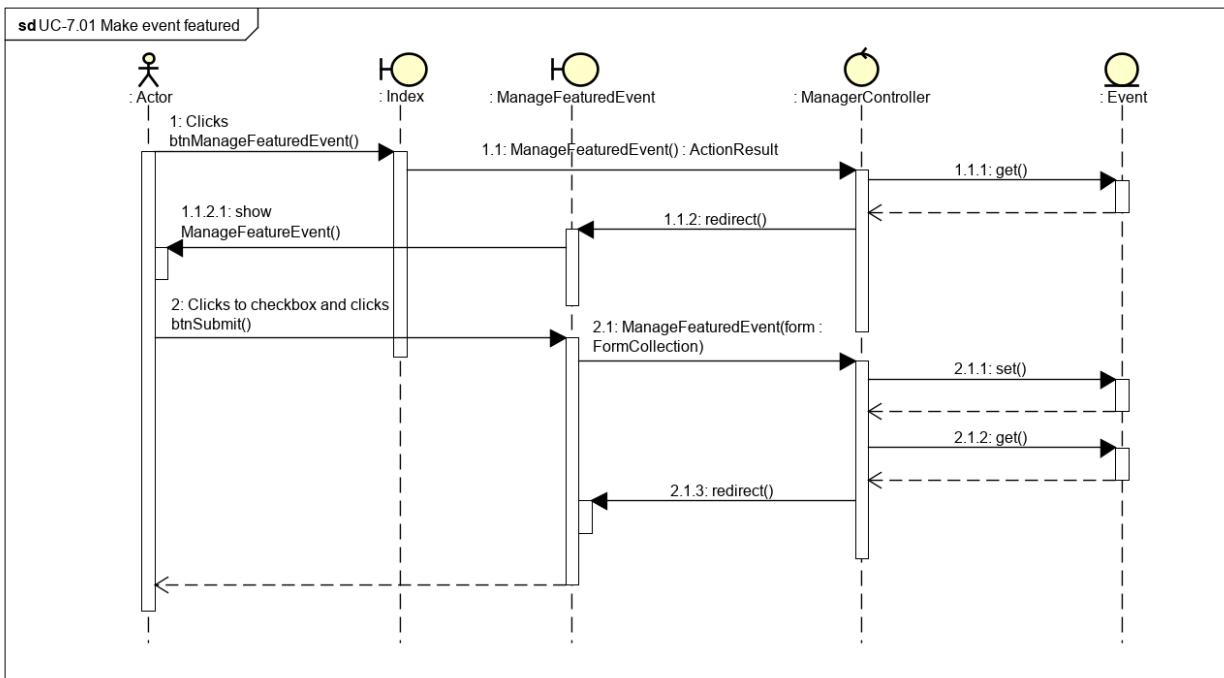
Developed by YPHDT Team - FPT University

Figure 56. Make event featured

Class Diagram



Sequence Diagram



3.2.7.2. View list pending events 保留中イベントの閲覧

Screen Design

Manager / Manage pending events

Show all events created by Organizers that are waiting for approval

No	Event	Organizer	Created date
1	Guitar Hoa Lac Teambuilding	Trùng Duyên	20/04/2019 22:27
2	Test	Trùng Duyên As Câu lạc bộ Cúc Độc và Những người bạn	25/04/2019 02:06
3	Tổng công ty điện lực Hà Nội	Dinh Lan Hương	25/04/2019 14:23

Accept event Reject event

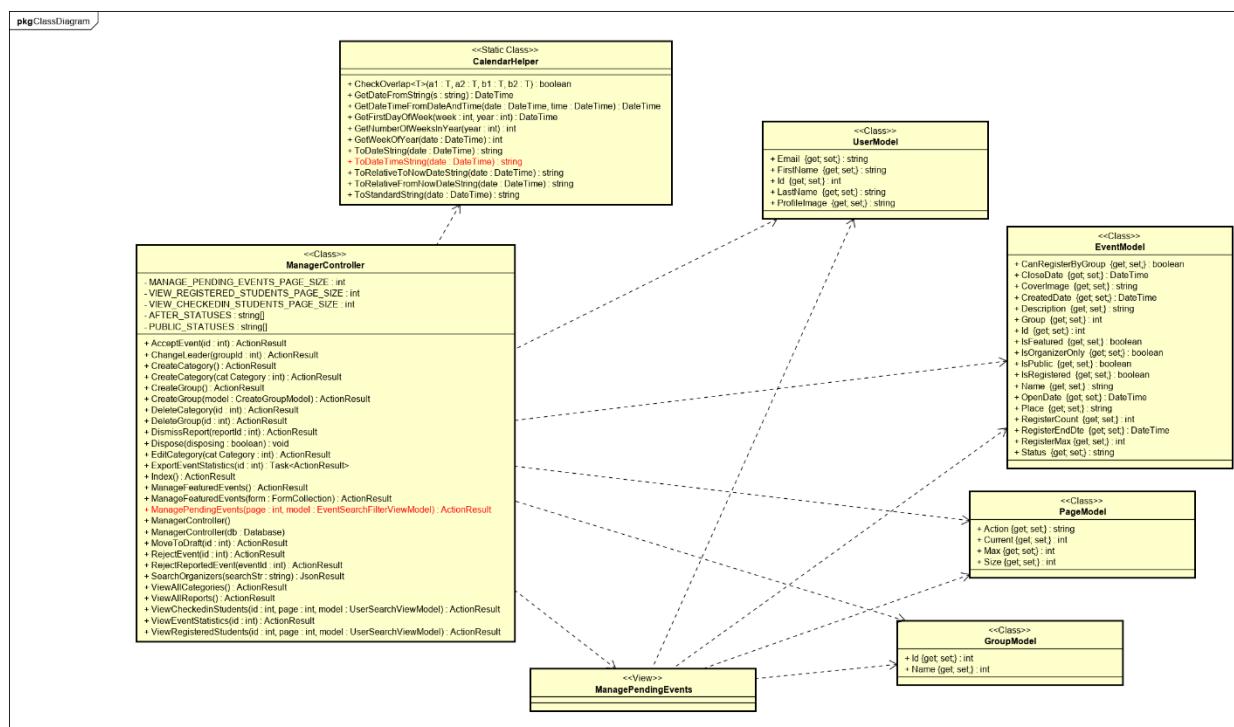
Accept event Reject event

Accept event Reject event

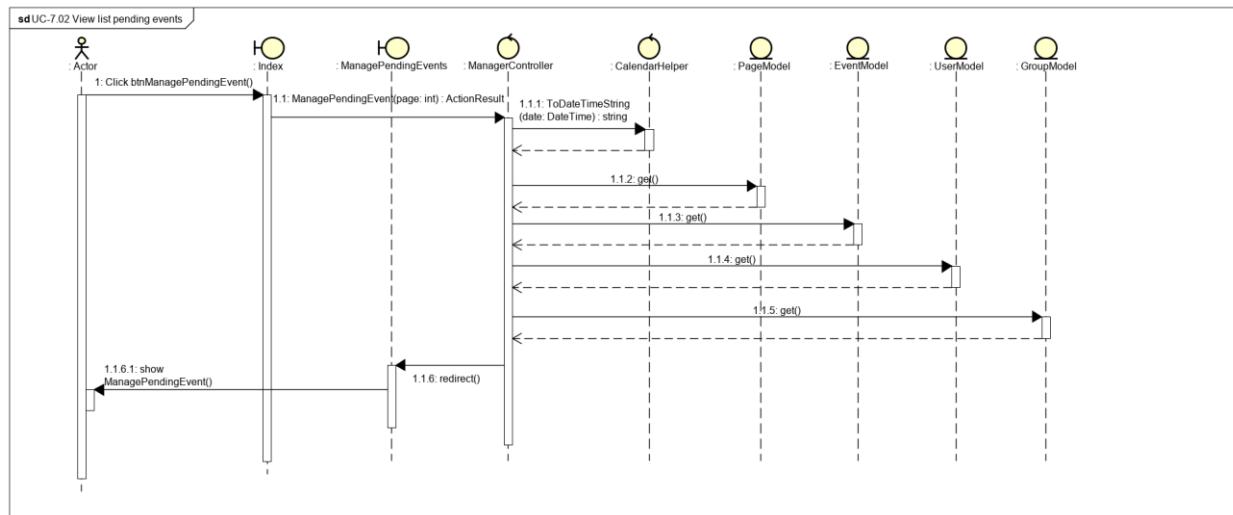
Developed by YPHDT Team - FPT University

Figure 57. Manage pending events screen

Class Diagram



Sequence Diagram



3.2.7.3. *Search pending events* 保留中イベントの検索

Screen Design

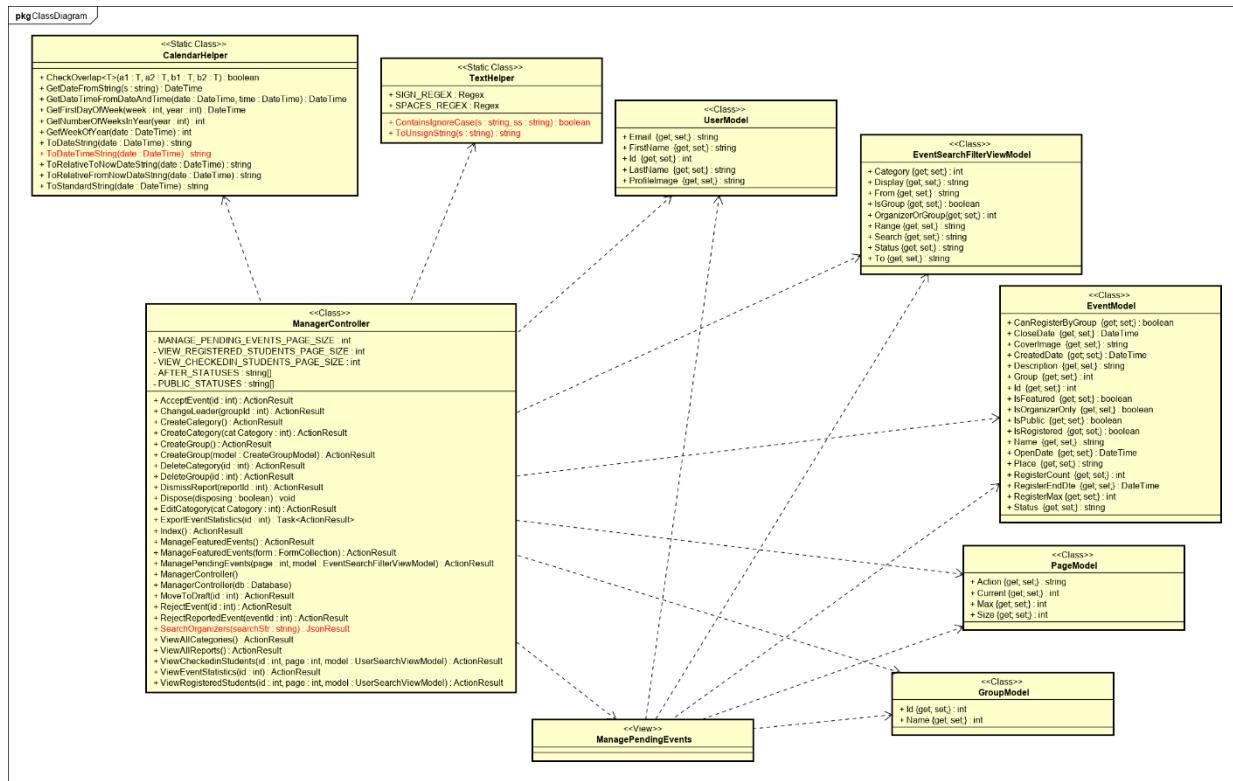
Manage pending events

Show all events created by Organizers that are waiting for approval

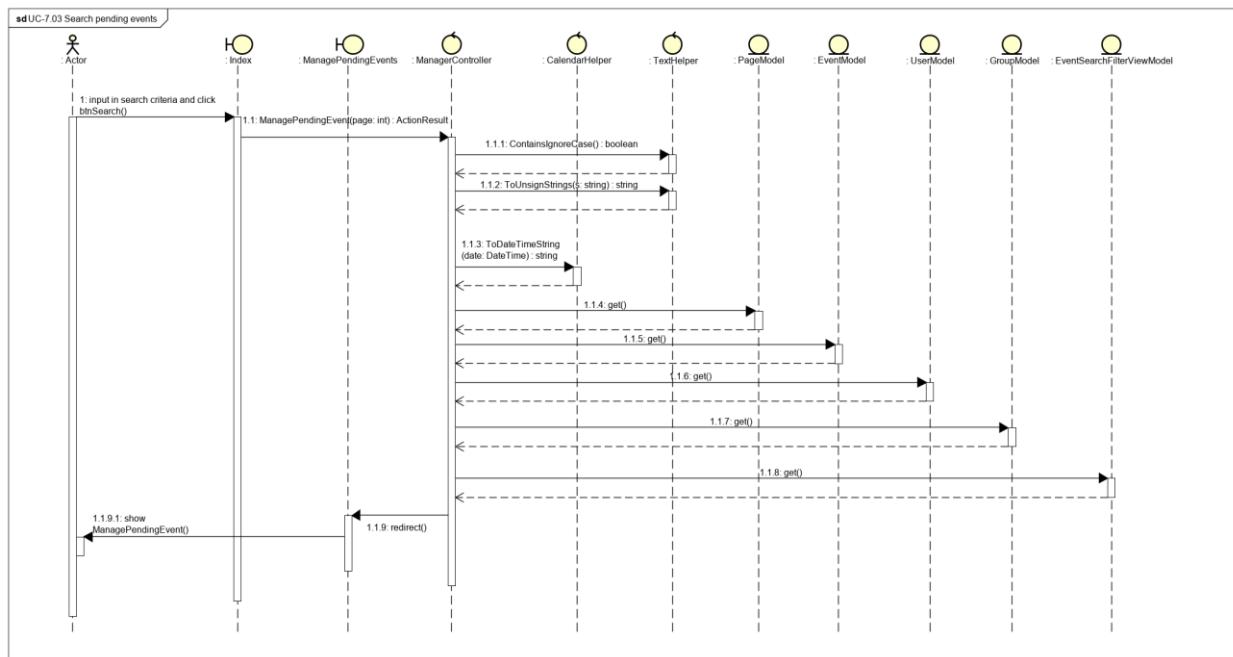
Search

Figure 58. Search pending events

Class Diagram



Sequence Diagram



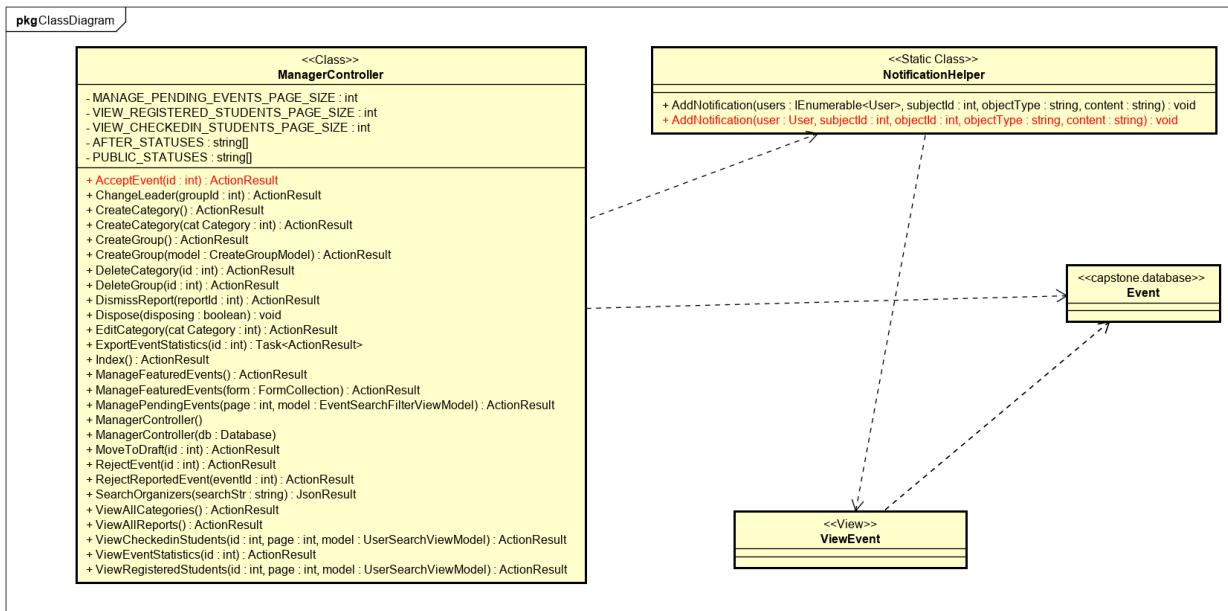
3.2.7.4. Accept event イベント申請の承認

Screen Design

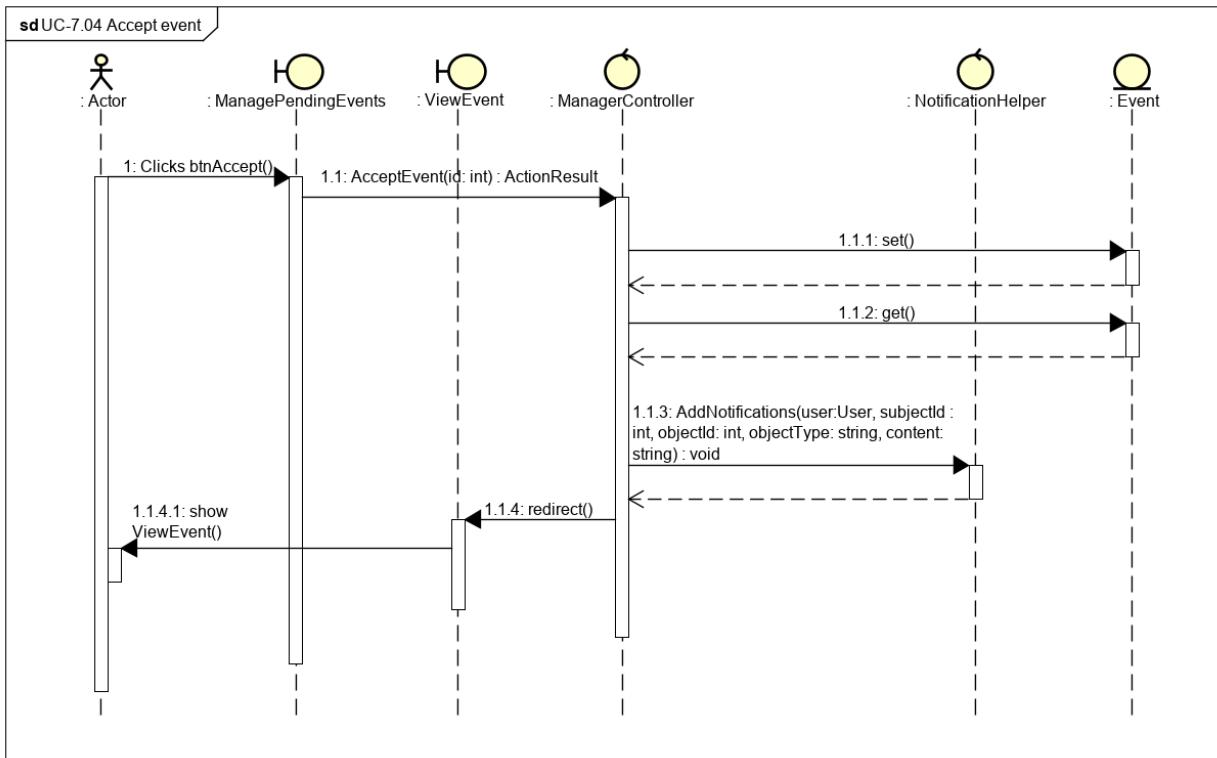
No	Event	Organizer	Created date	
1	Guitar Hoa Lac Teambuilding	Trùng Duyên	20/04/2019 22:27	<div style="border: 1px solid red; padding: 2px; display: inline-block;">Accept event</div> <div style="border: 1px solid red; background-color: red; color: white; padding: 2px; display: inline-block; margin-top: 5px;">Reject event</div>

Figure 59. Accept event button design

Class Diagram



Sequence Diagram



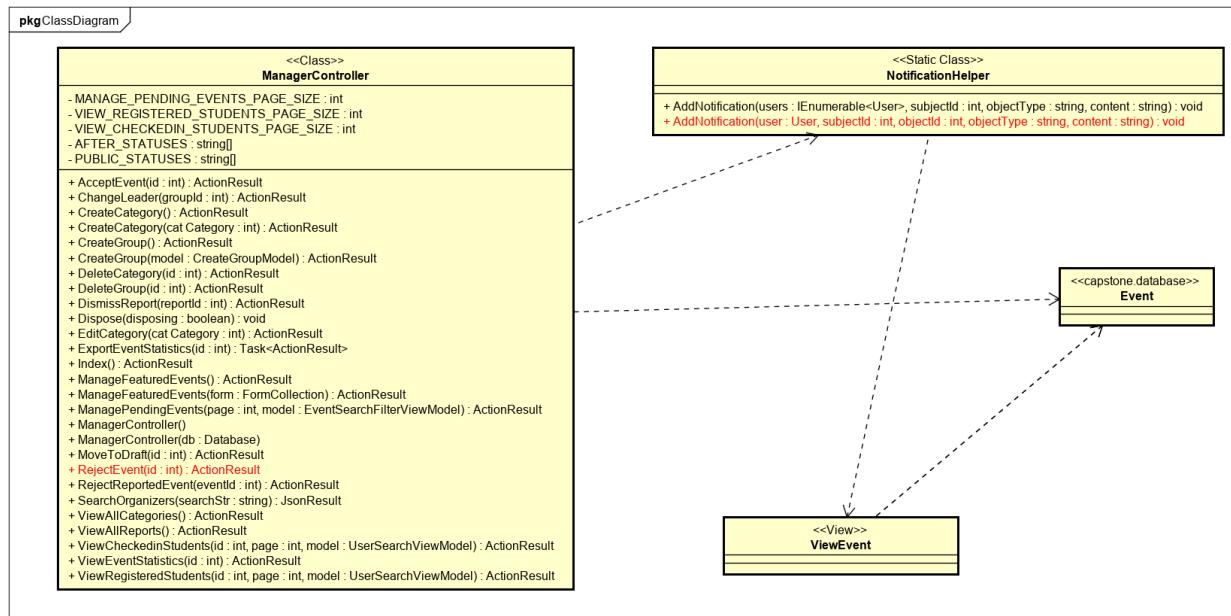
3.2.7.5. Reject event イベント申請の拒否

Screen Design

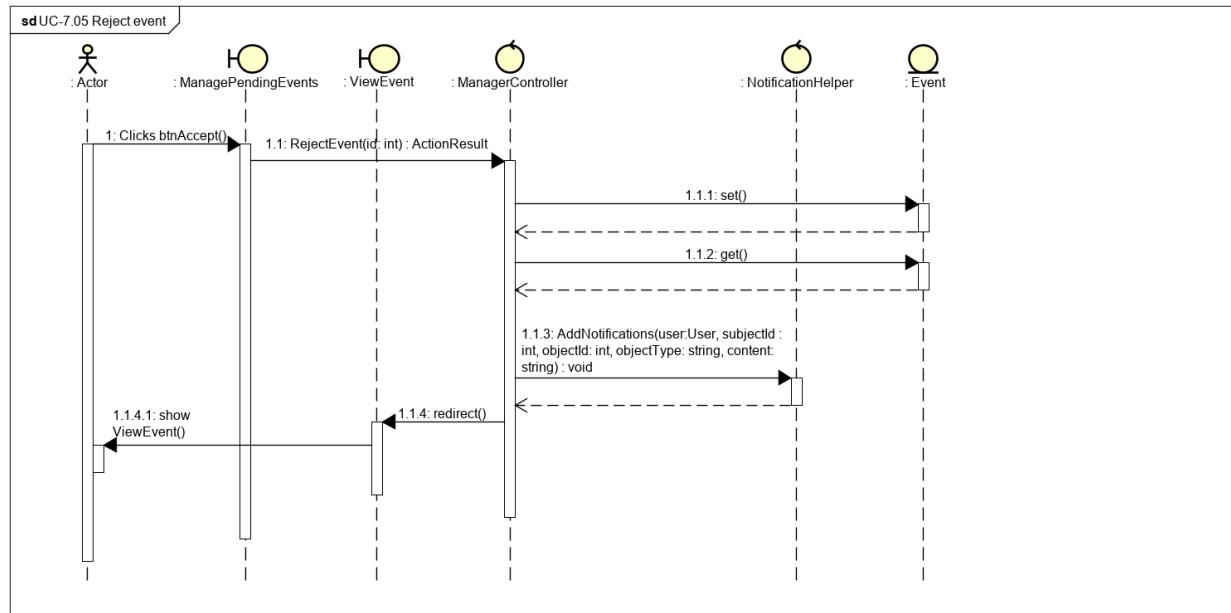
No	Event	Organizer	Created date	
1	Guitar Hoa Lac Teambuilding	Trùng Duyên	20/04/2019 22:27	<input type="button" value="Accept event"/> Reject event

Figure 60. Reject event button design

Class Diagram



Sequence Diagram



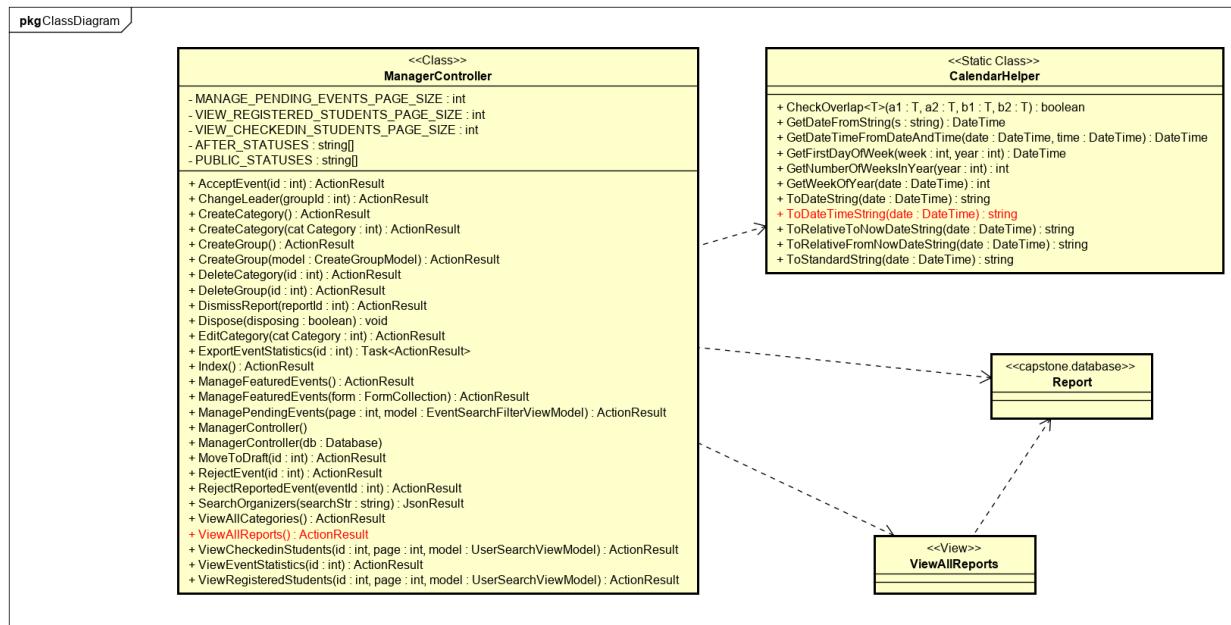
3.2.7.6. View event reports イベント報告の閲覧

Screen Design

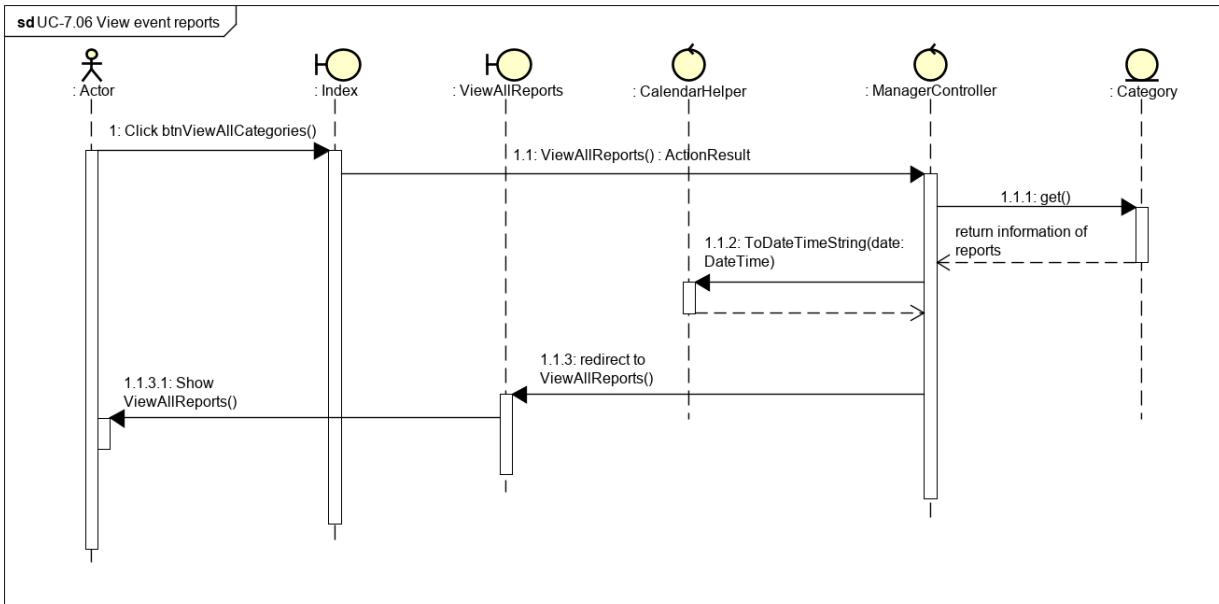
	Reporter	Event	Time	Description	
1	Trùng Duyên	[HÀNH TRÌNH THỦ LĨNH] Outsmart Outlast Survival Camp 2019	16/04/2019 19:55	Mở đơn quá gấp!	Block event Dismiss
2	Beria Momo	[HÀNH TRÌNH ĐÁNG SỐNG] Trải nghiệm lao động Bắc Giang	18/04/2019 00:21	Test thử	Block event Dismiss
3	Trùng Duyên	[HÀNH TRÌNH ĐÁNG SỐNG] Trải nghiệm lao động Bắc Giang	26/04/2019 00:41	Chỉnh lại các icon	Block event Dismiss
4	Luyện Yên	[HÀNH TRÌNH ĐÁNG SỐNG] Trải nghiệm lao động Bắc Giang	18/04/2019 00:22	đặt quà	Block
5	Trùng Duyên	[HÀNH TRÌNH ĐÁNG SỐNG] Trải nghiệm lao động Bắc Giang	20/04/2019 16:02	Đã đăng kí lầu thể mà không thấy mail thông báo ở đâu là sao?	Block

Figure 61. View all reports screen

Class Diagram

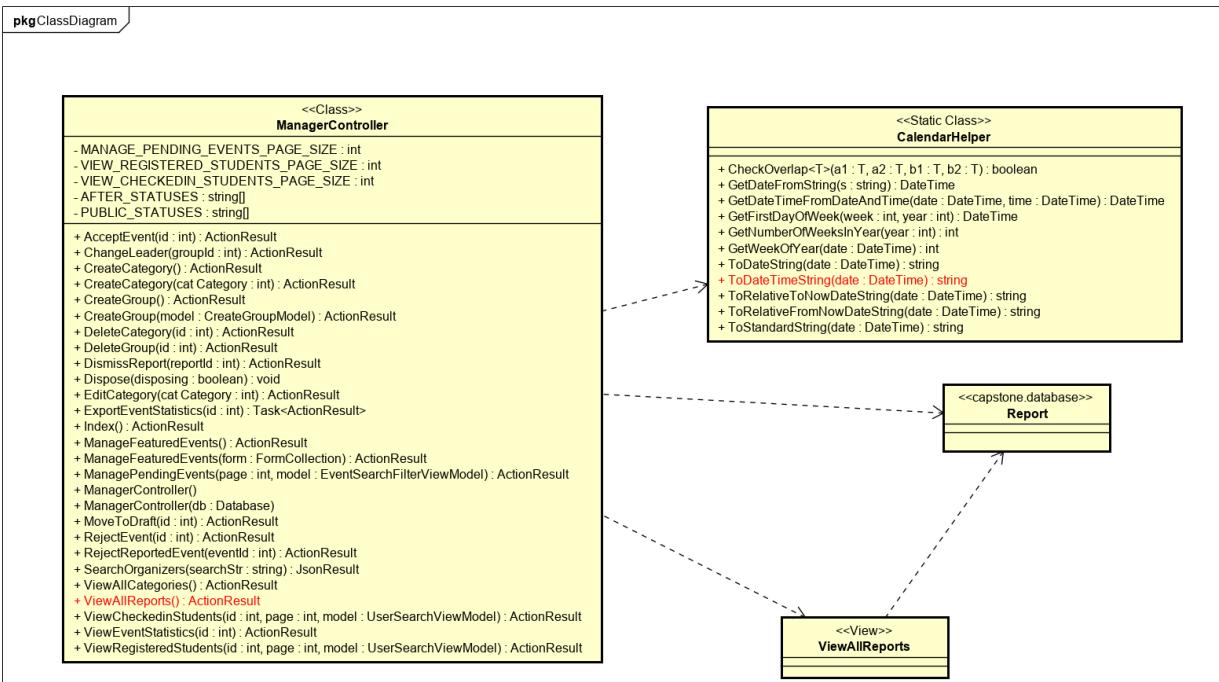


Sequence Diagram

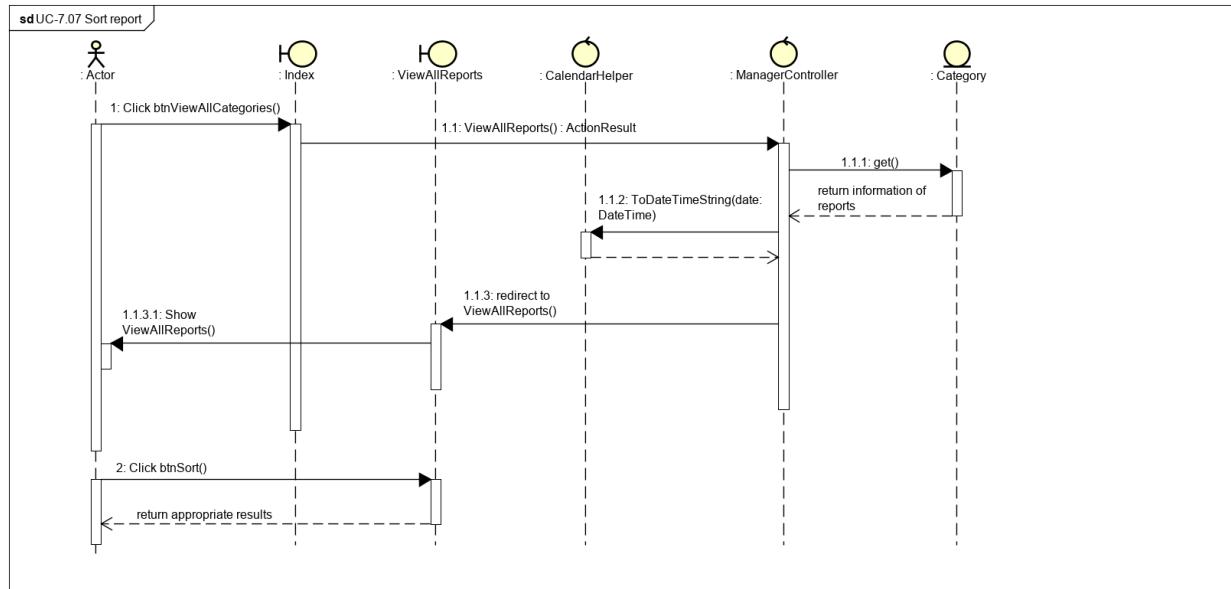


3.2.7.7. Sort report 報告の並べ替え

Class Diagram



Sequence Diagram



3.2.7.8. Search report 報告検索

Screen Design

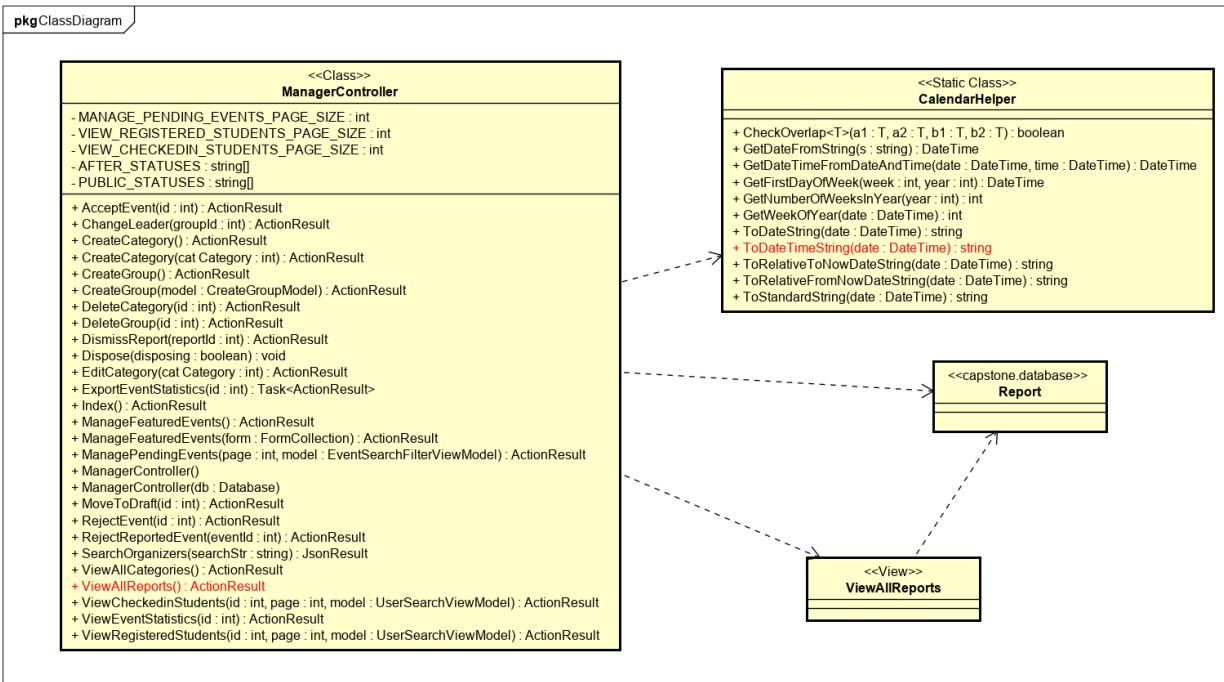
View all reports

View all reports about events have bad contents.

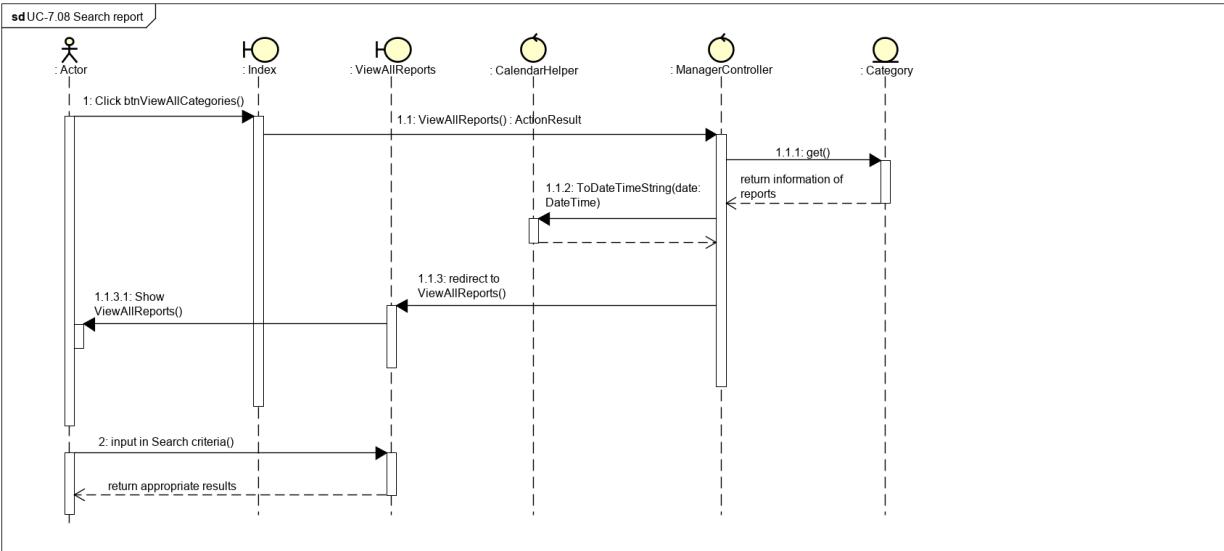
	Reporter ↑↓	Event ↑↓	Time ↑↓	Description	
1	Trùng Duyên	[HÀNH TRÌNH THỦ LĨNH] Outsmart Outlast Survival Camp 2019	16/04/2019 19:55	Mở đơn quá gấp!	<div style="display: flex; justify-content: space-between;"> Block event Dismiss </div>

Figure 62. Search report design

Class Diagram



Sequence Diagram



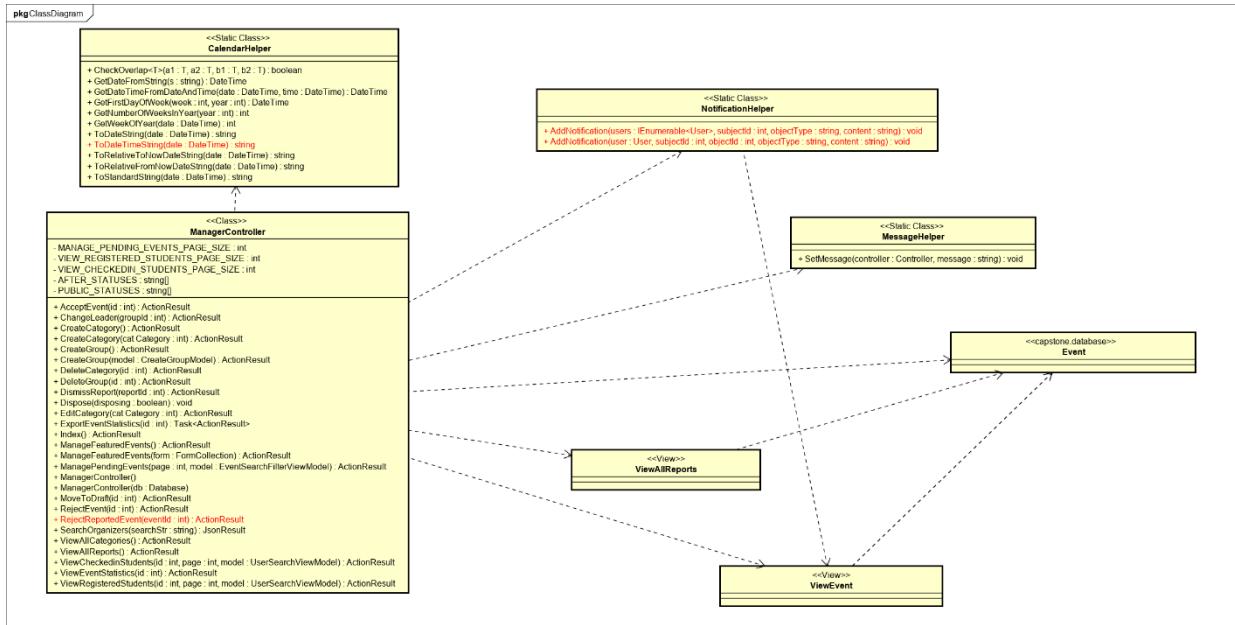
3.2.7.9. Block event イベントブロック

Screen Design

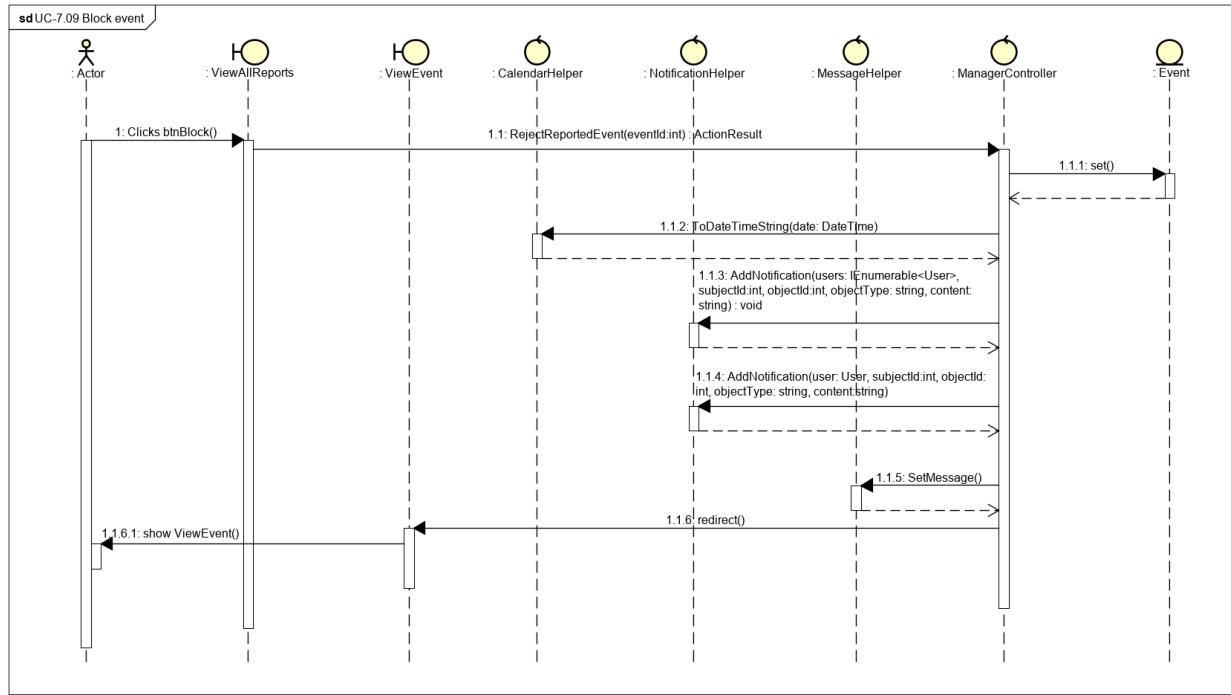
	Reporter ↗	Event ↗	Time ↗	Description	↑	
1	Trùng Duyên	[HÀNH TRÌNH THỦ LĨNH] Outsmart Outlast Survival Camp 2019	16/04/2019 19:55	Mở đơn quá gấp!	↑	<div style="border: 1px solid red; padding: 5px; display: inline-block;">Block event</div> <input type="button" value="Dismiss"/>

Figure 63. Block event button design

Class Diagram



Sequence Diagram



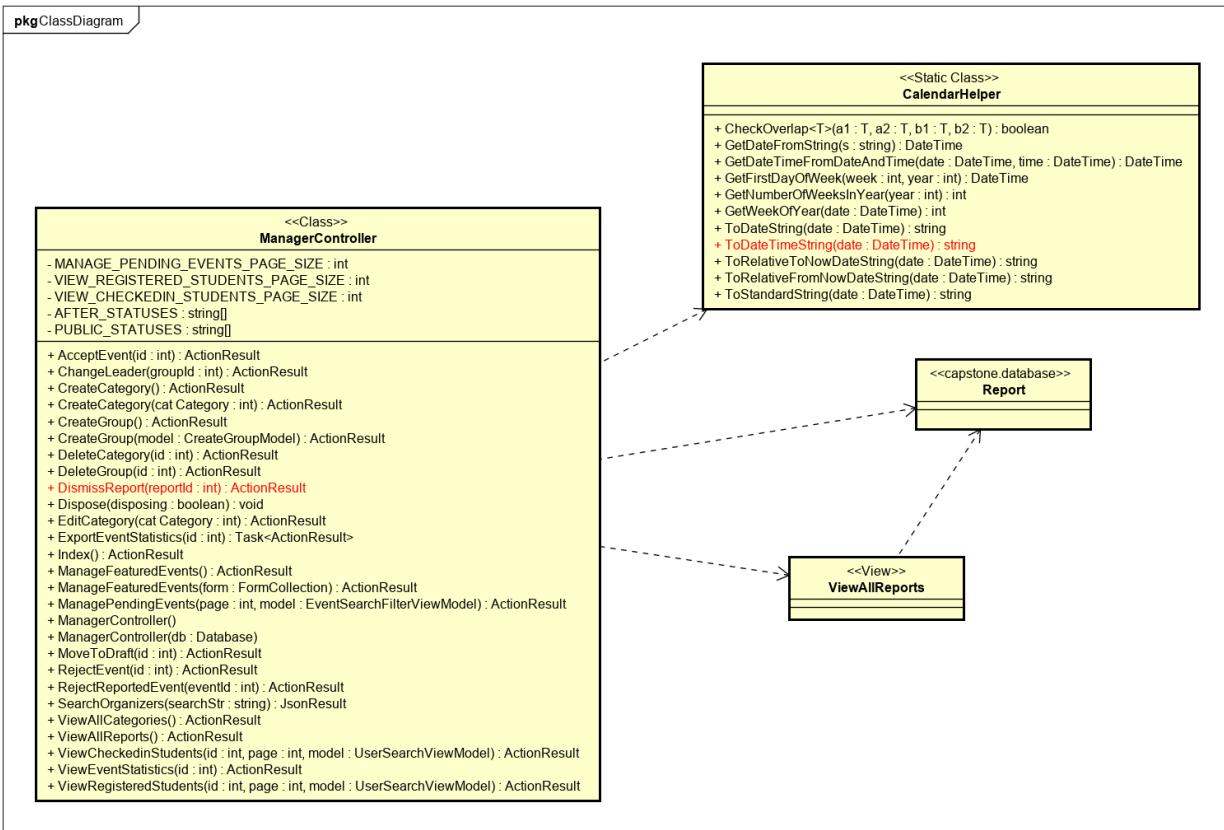
3.2.7.10. Dismiss event イベント却下

Screen Design

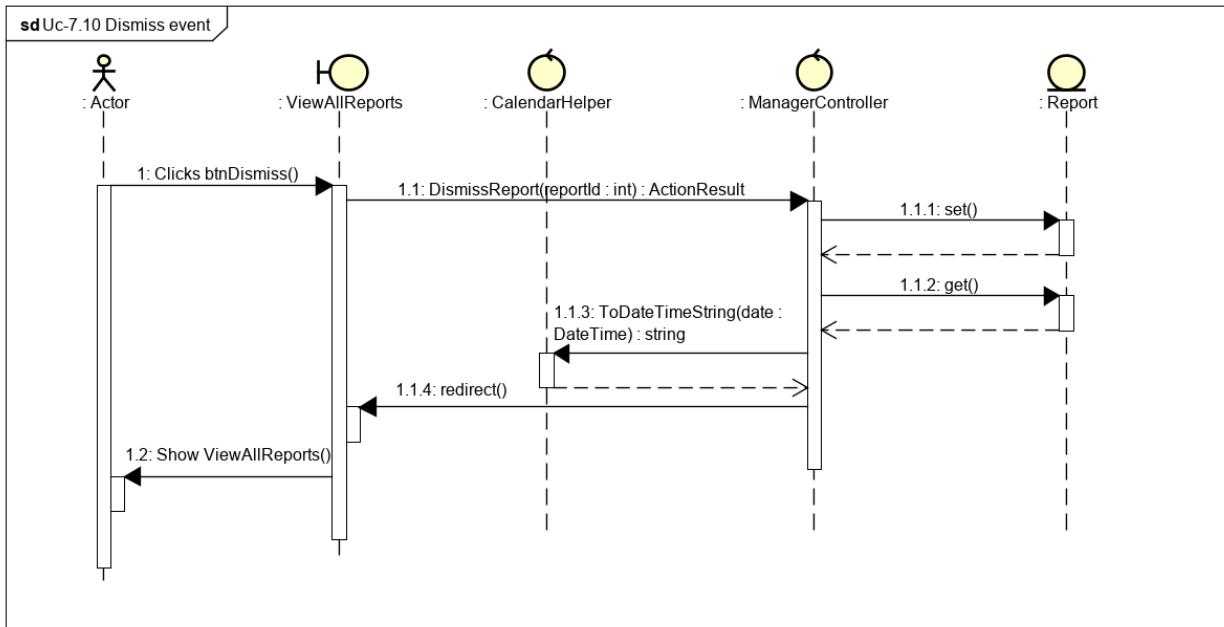
	Reporter ↗	Event ↗	Time ↗	Description ↗	
1	Trường Duyên	[HÀNH TRÌNH THỦ LĨNH] Outsmart Outlast Survival Camp 2019	16/04/2019 19:55	Mở đơn quá gấp!	<div style="text-align: right;"> Block event Dismiss </div>

Figure 64. Dismiss event button

Class Diagram



Sequence Diagram



3.2.8. Manage account アカウント管理

3.2.8.1. View list account アカウント一覧の閲覧

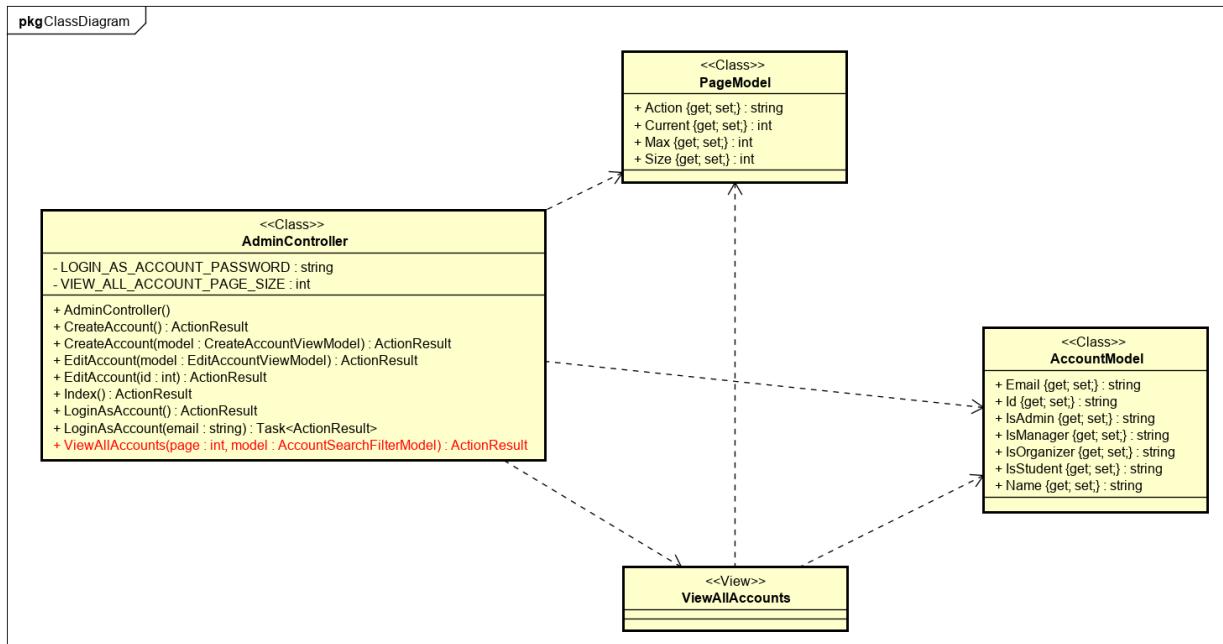
Screen Design

The screenshot shows the 'View all accounts' screen of the FPT Student Event Calendar. At the top, there's a navigation bar with 'Home' and 'Role: Administrator'. On the right, there are buttons for 'Notifications', 'Duyễn', and 'Logout'. Below the navigation is a breadcrumb trail: 'Administrator / View all accounts'. The main content area has a heading 'View all accounts' and a subtitle 'Show all Organizers, Managers and Administrators in the system'. It features a search bar with placeholder 'Account name or email...' and checkboxes for 'Organizer', 'Manager', and 'Administrator'. A 'Search' button is located below the search bar. The main table lists 10 accounts:

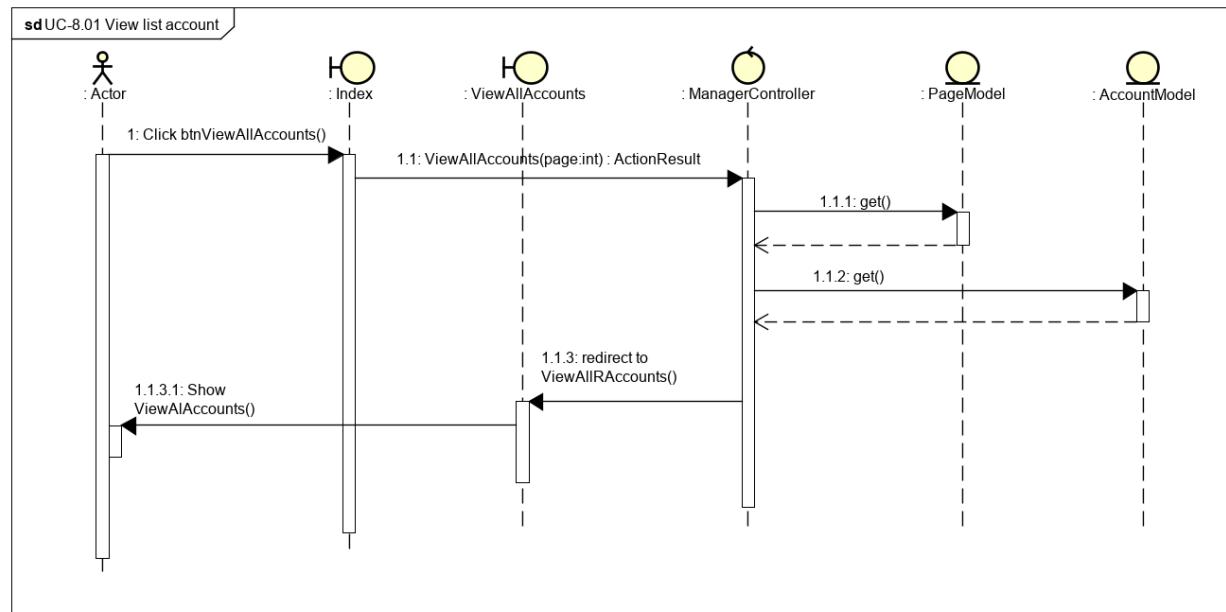
No	Name	Email	Student	Organizer	Manager	Administrator
1	FPT anhbn	anhbn@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Trịnh Phương Anh	anhtp@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	FPT duongtb	duongtb@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Bé Khánh Duy	duybksse04836@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Phạm Tuyệt Hạnh Hà	hapth@fpt.edu.vn	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	Hồ Xuân Hưng	hunghxse04721@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Phan Văn Hùng	hungvbsb01857@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Dinh Lan Hương	huongdlse05123@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	Phan Trường Lâm	lampt@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10	Nguyễn Thị Thùy Linh	linhnttsb02066@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Figure 65. View list accounts screen

Class Diagram



Sequence Diagram



3.2.8.2. View detail account アカウント詳細の閲覧

Screen Design

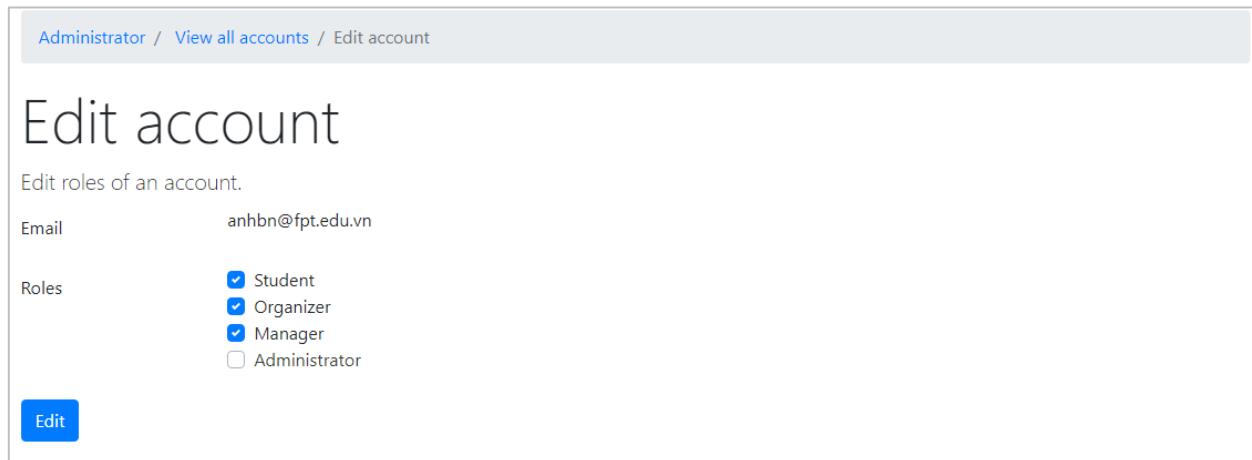
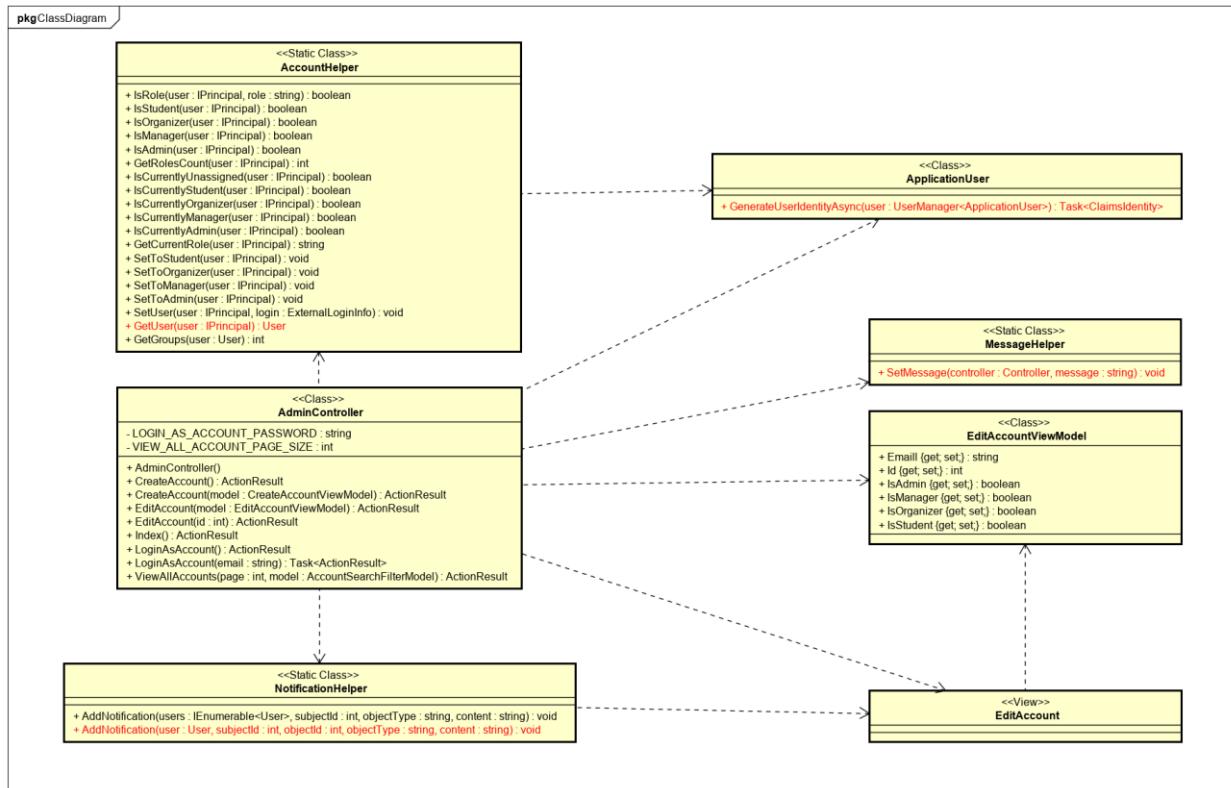
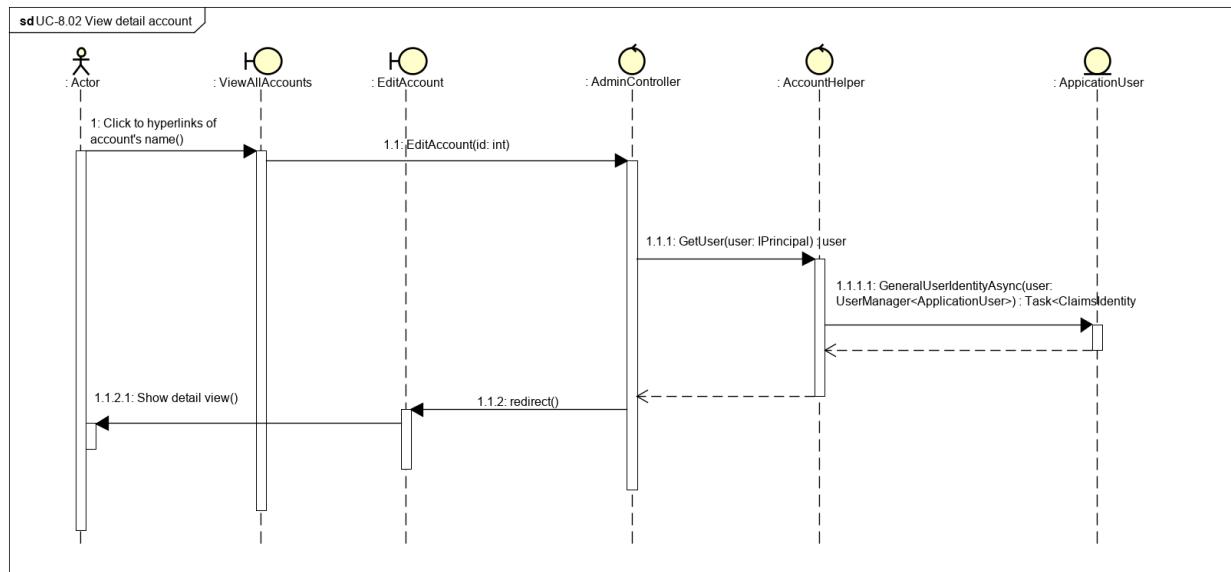


Figure 66. View detail account screen

Class Diagram



Sequence Diagram



3.2.8.3. Edit account role アカウントの役割変更

Screen Design

Administrator / View all accounts / Edit account

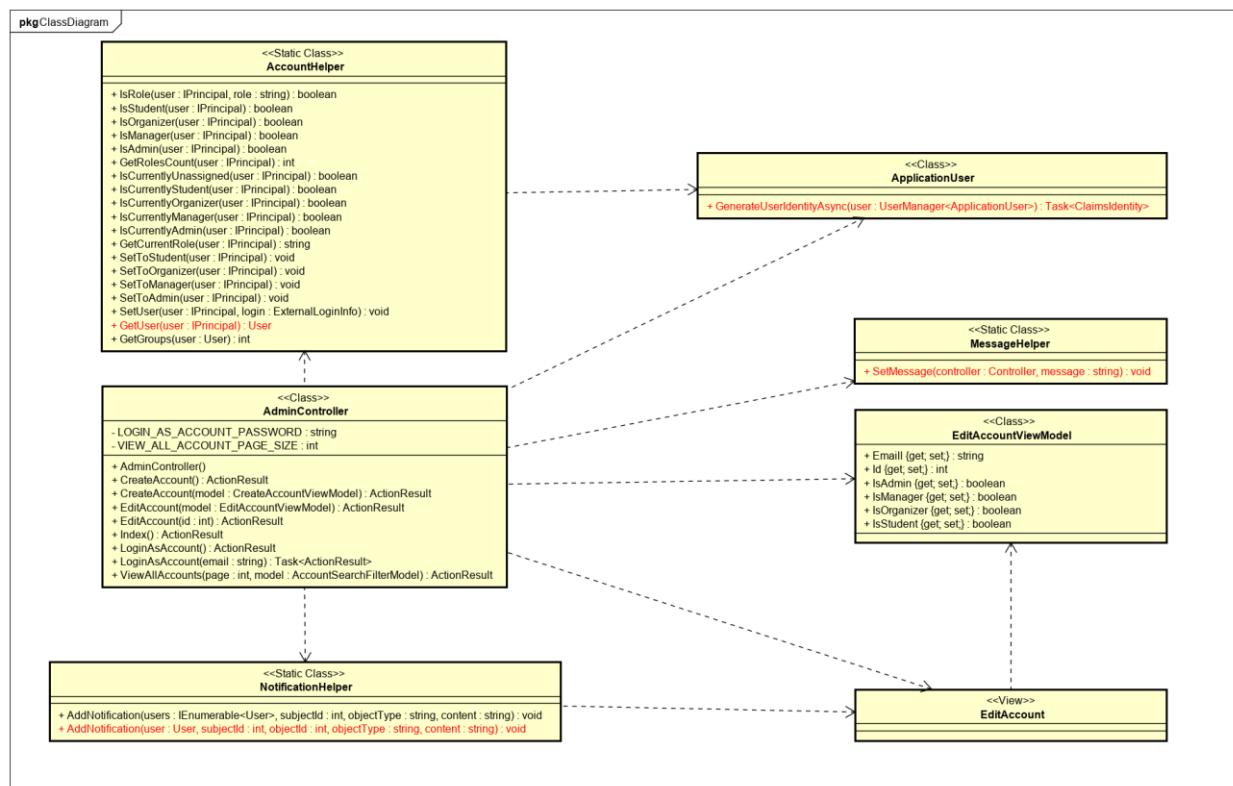
Edit account

Edit roles of an account.

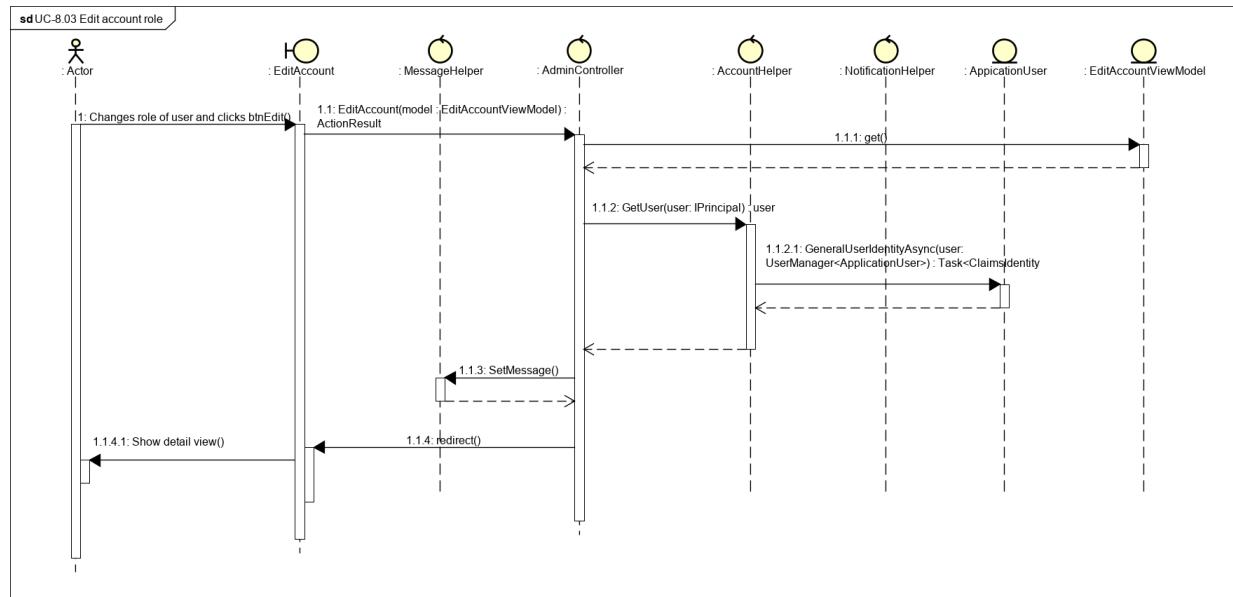
Email	anhbn@fpt.edu.vn
Roles	<input checked="" type="checkbox"/> Student <input checked="" type="checkbox"/> Organizer <input checked="" type="checkbox"/> Manager <input type="checkbox"/> Administrator
Edit	

Figure 67. Edit account role screen

Class Diagram



Sequence Diagram



3.2.8.4. Search account アカウント検索

Screen Design

View all accounts

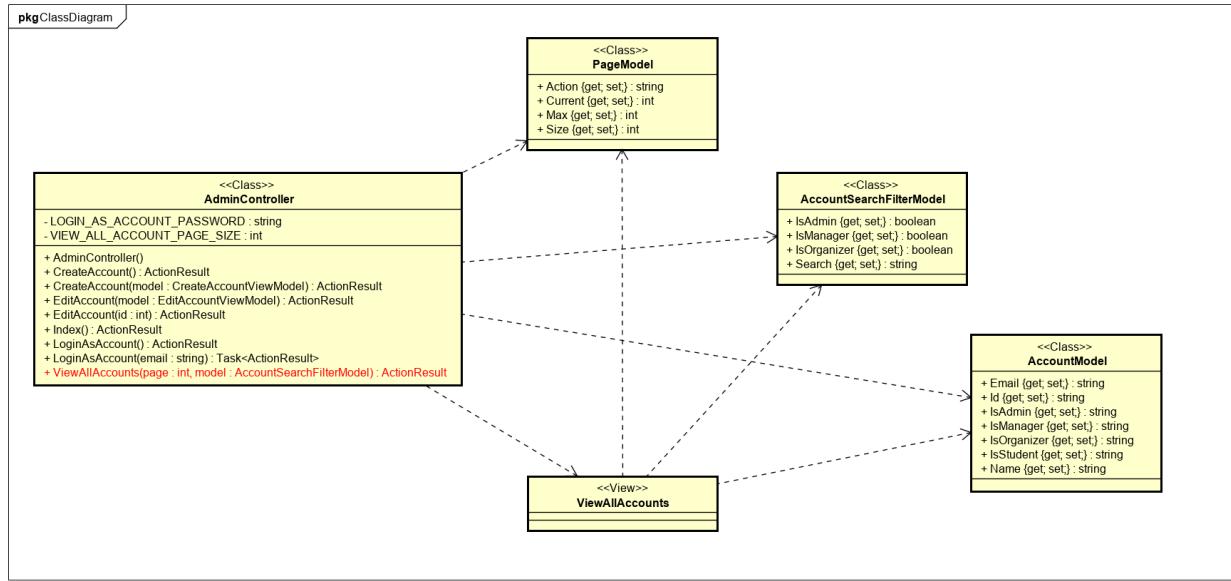
Show all Organizers, Managers and Administrators in the system

- Organizer
- Manager
- Administrator

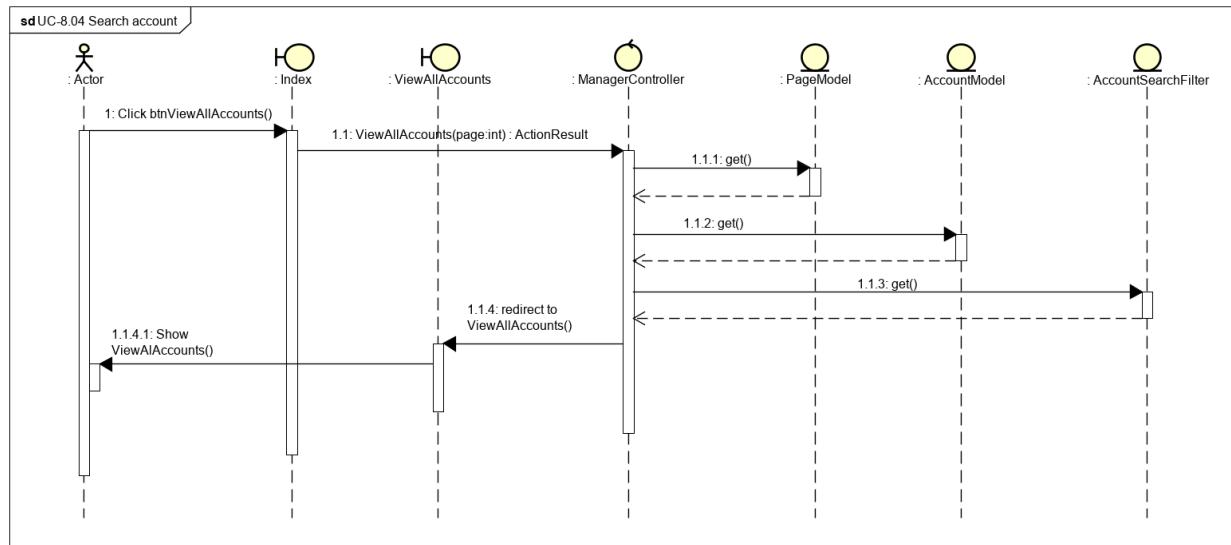
Search

Figure 68. View all accounts screen

Class Diagram

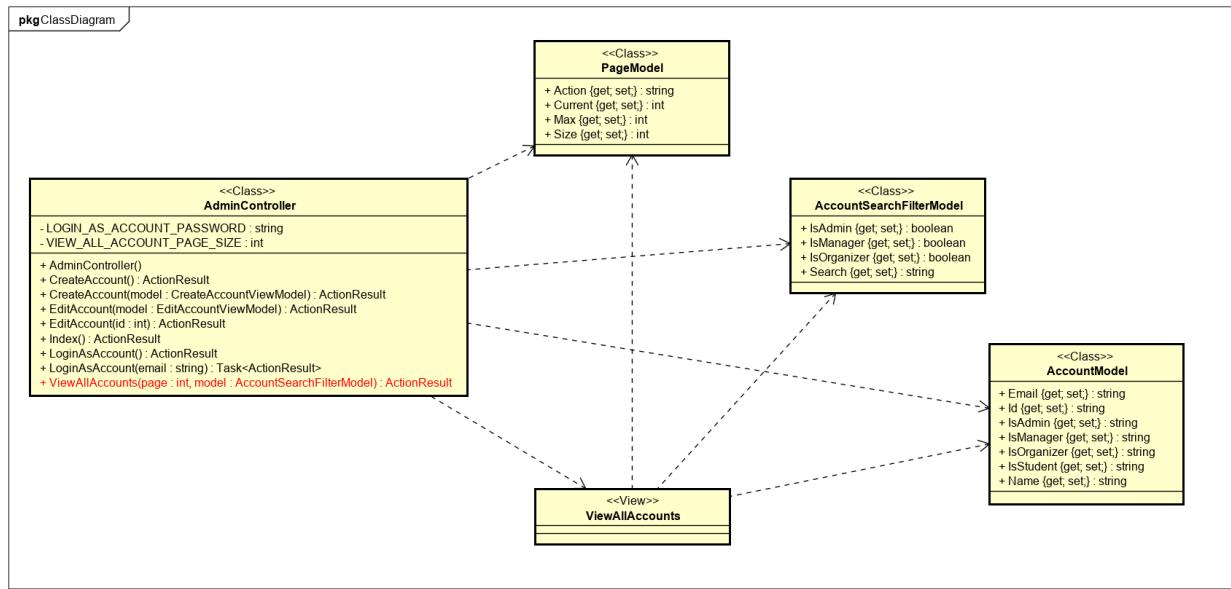


Sequence Diagram

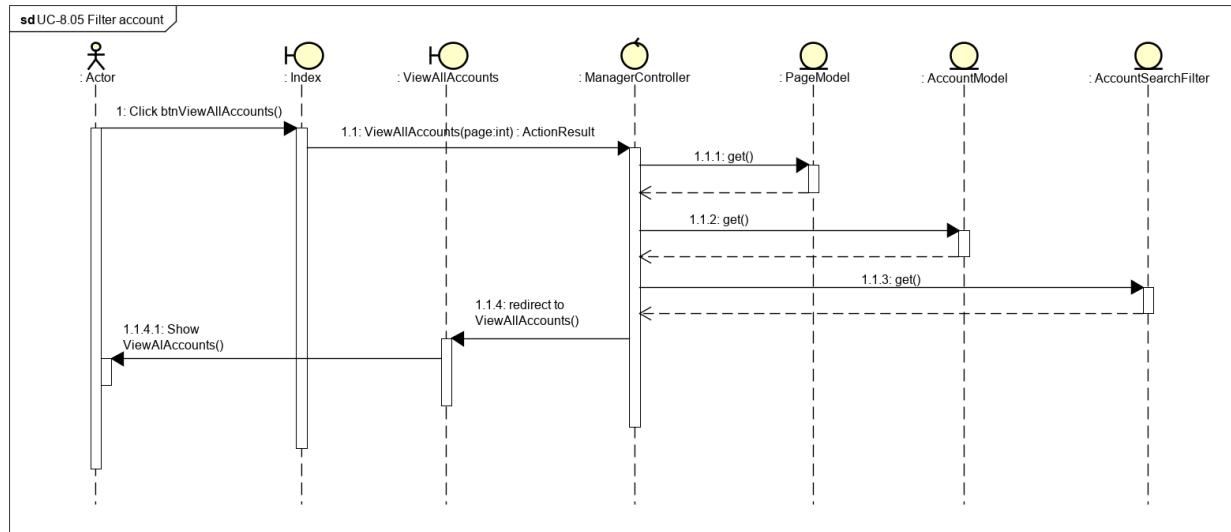


3.2.8.5. Filter account アカウント絞り込み

Class Diagram



Sequence Diagram



3.2.8.6. Create account アカウント作成

Screen Design

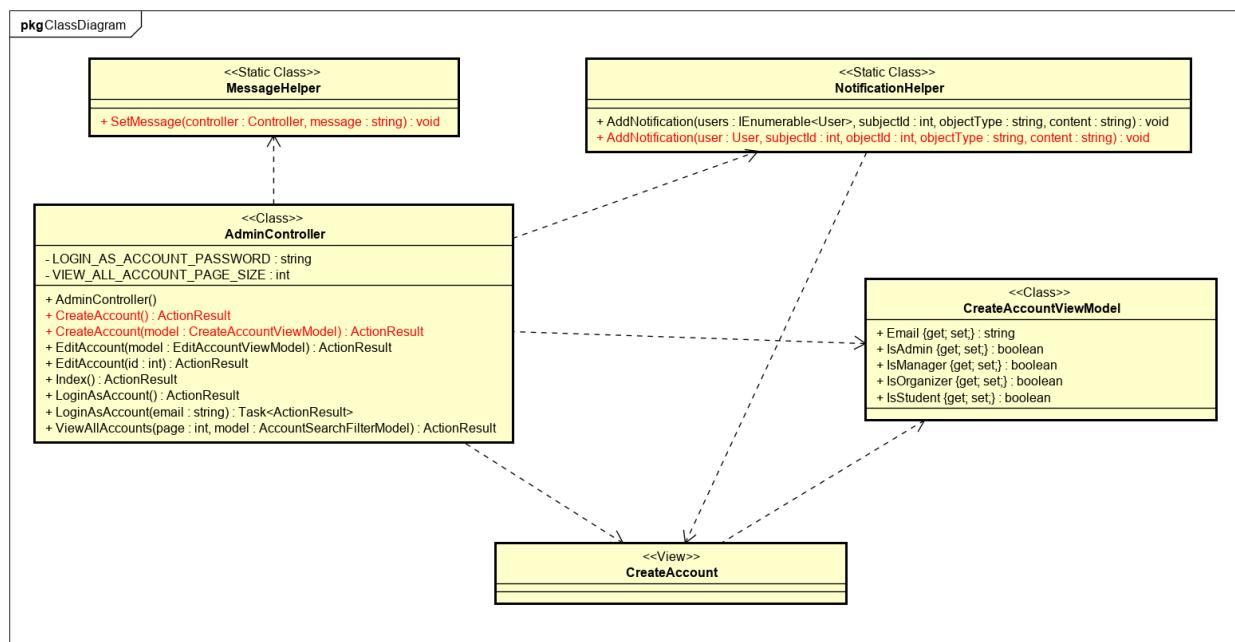
Create account

Create new account in the system.

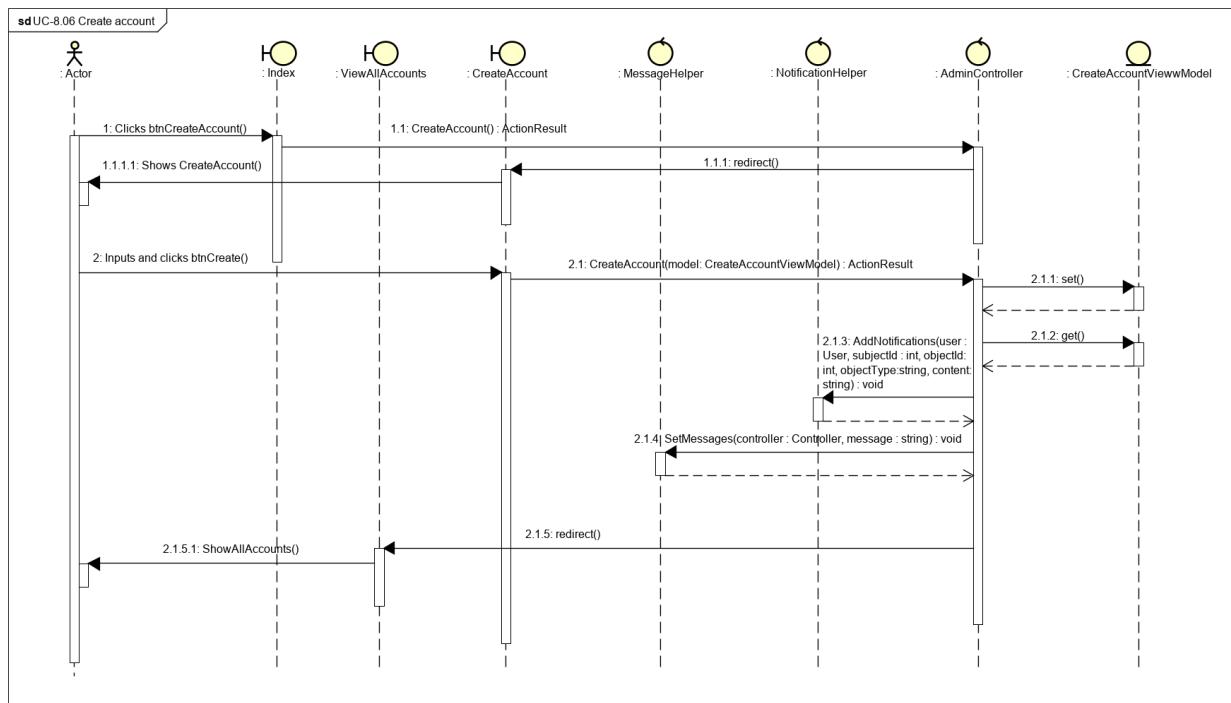
Email	<input type="text" value="Email"/>
Roles	<input type="checkbox"/> Student <input type="checkbox"/> Organizer <input type="checkbox"/> Manager <input type="checkbox"/> Administrator
<input type="button" value="Add"/>	

Figure 69. Create account screen

Class Diagram



Sequence Diagram



3.2.9. Manage group グループ管理

3.2.9.1. *View list group* グループ一覧の閲覧

Screen Design

View all groups					
View list of currently active groups in campus.					
Show 10 entries		Search:			
No	Group name	Group leader	Members	Mail	
1	Aaa	Luyện Yên	1		
2	Câu lạc bộ Cúc Đỏ và Những người bạn	Trùng Duyên	1		
3	Câu lạc bộ FTIC	Luyện Yên	13		
4	Câu lạc bộ Kỹ sư Cầu nối Nhật Bản - JS	Phạm Thị Oanh	3	js@gmail.com	
5	Câu lạc bộ No Shy	Hồ Xuân Hưng	10	noshy@gmail.com	
6	Câu lạc bộ Vì Cộng Đồng iGo	Trùng Duyên	15		
7	FCC - FPTU Chess Club	Trùng Duyên	4	fuchessclub@gmail.com	
8	FPTU Vovinam Club - FVC	Trần Văn Sơn	3	fptvovinamclub@gmail.com	
9	FPTU Business Club	Trùng Duyên	1		
10	FPTU Guitar Club - FGC	Trùng Duyên	1	fgc@gmail.com	

Figure 70. View all groups screen - Student & Admin role

The screenshot shows a table listing 14 active groups. The columns are: No, Group name, Group leader, Your role, Members, and Mail. Each row includes an 'Edit' button. The groups listed are:

No	Group name	Group leader	Your role	Members	Mail
1	Câu lạc bộ Vì Cộng Đồng iGo	Trứng Duyên	Leader	15	
2	FPTU Business Club	Trứng Duyên	Leader	1	
3	FCC - FPTU Chess Club	Trứng Duyên	Leader	4	fuchessclub@gmail.com
4	Câu lạc bộ Cóc Đọc và Những người bạn	Trứng Duyên	Leader	1	
5	FPTU Guitar Club - FGC	Trứng Duyên	Leader	1	fgc@gmail.com
6	Câu lạc bộ No Shy	Hồ Xuân Hưng	Member	10	noshy@gmail.com
7	Phòng công tác sinh viên SRO	Phạm Tuyệt Hạnh Hà	Member	2	fpgfu@gmail.com
8	Câu lạc bộ FTIC	Luyện Yên	Member	13	
9	Câu lạc bộ Kỹ sư Cầu nối Nhật Bản - JS	Phạm Thị Oanh	Member	3	js@gmail.com
10	Phòng Phát triển Cá nhân (IC - PDP)	Nguyễn Hà Thành	Member	4	pdp.hn@fpt.edu.vn

Showing 1 to 10 of 14 entries

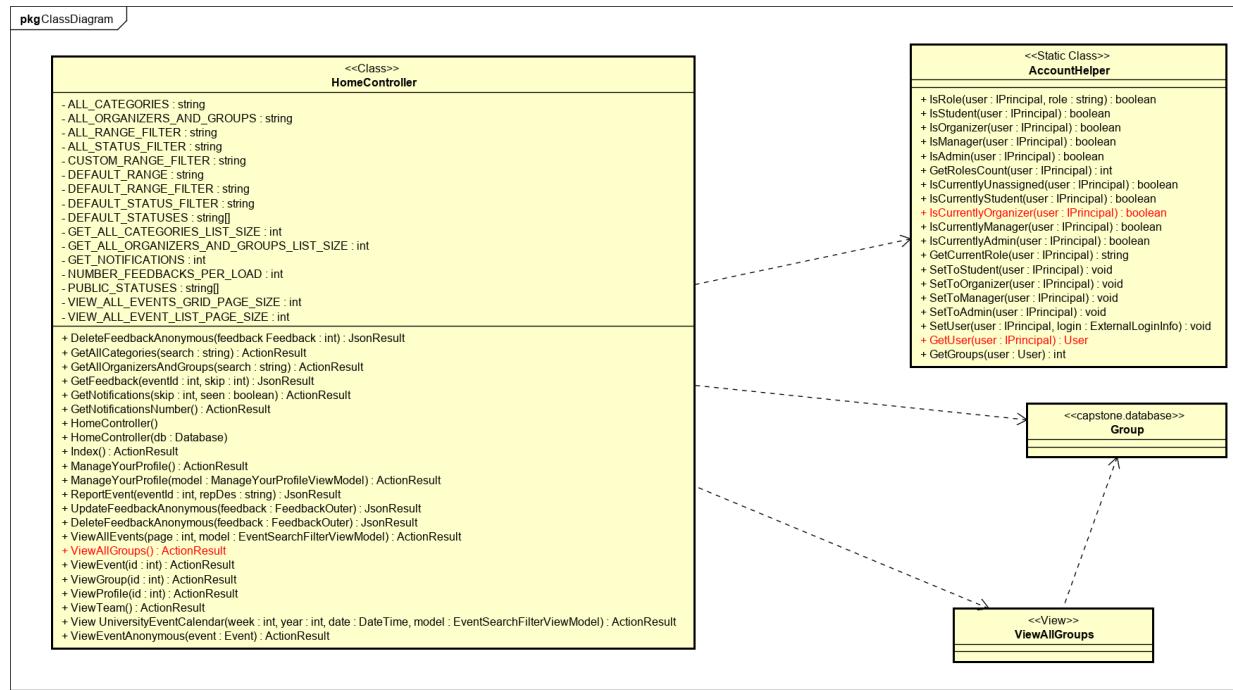
Figure 71. View all groups screen - Organizer role

The screenshot shows a table listing 6 active groups. The columns are: No, Group name, Group leader, Members, and Mail. Each row includes 'Change leader' and 'Delete' buttons. The groups listed are:

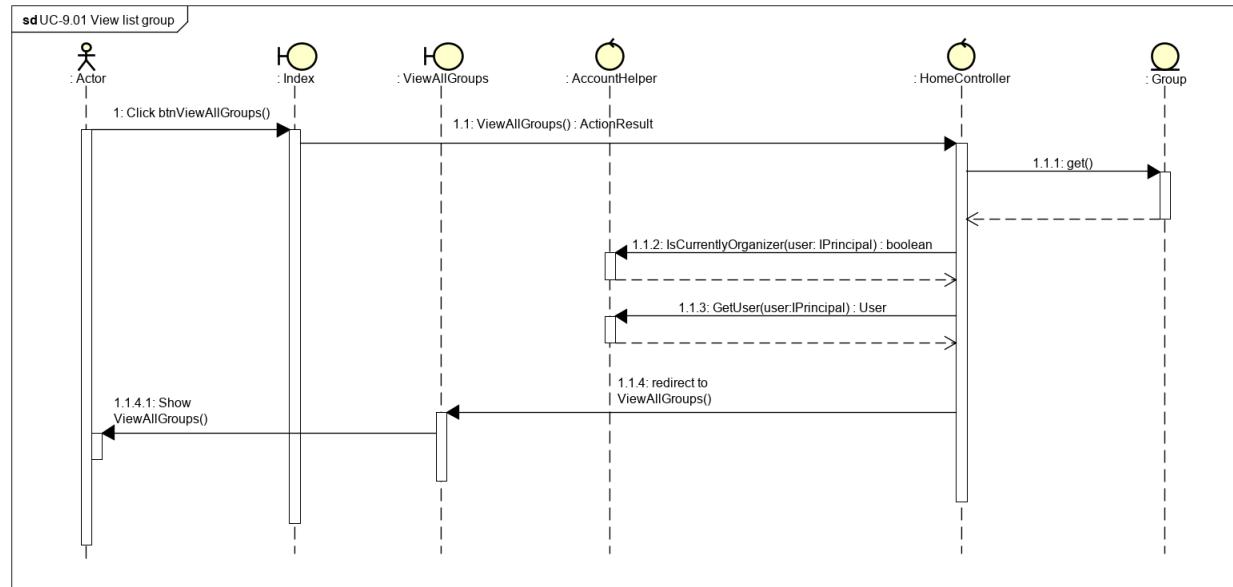
No	Group name	Group leader	Members	Mail
1	Aaa	Luyện Yên	1	
2	Câu lạc bộ Cóc Đọc và Những người bạn	Trứng Duyên	1	
3	Câu lạc bộ FTIC	Luyện Yên	13	
4	Câu lạc bộ Kỹ sư Cầu nối Nhật Bản - JS	Phạm Thị Oanh	3	js@gmail.com
5	Câu lạc bộ No Shy	Hồ Xuân Hưng	10	noshy@gmail.com
6	Câu lạc bộ Vì Cộng Đồng iGo	Trứng Duyên	15	

Figure 72. View all groups screen - Manager role

Class Diagram



Sequence Diagram



3.2.9.2. Search group グループ検索

Screen Design

View all groups

View list of currently active groups in campus.

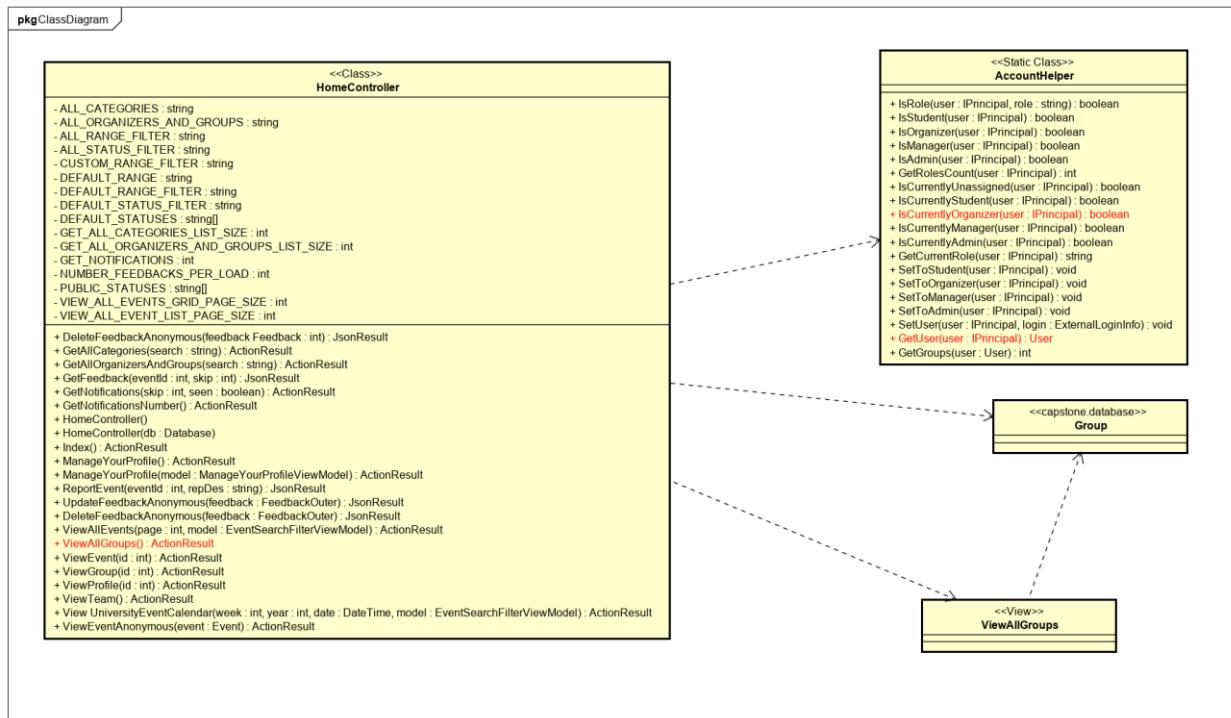
Show 10 entries

Search:

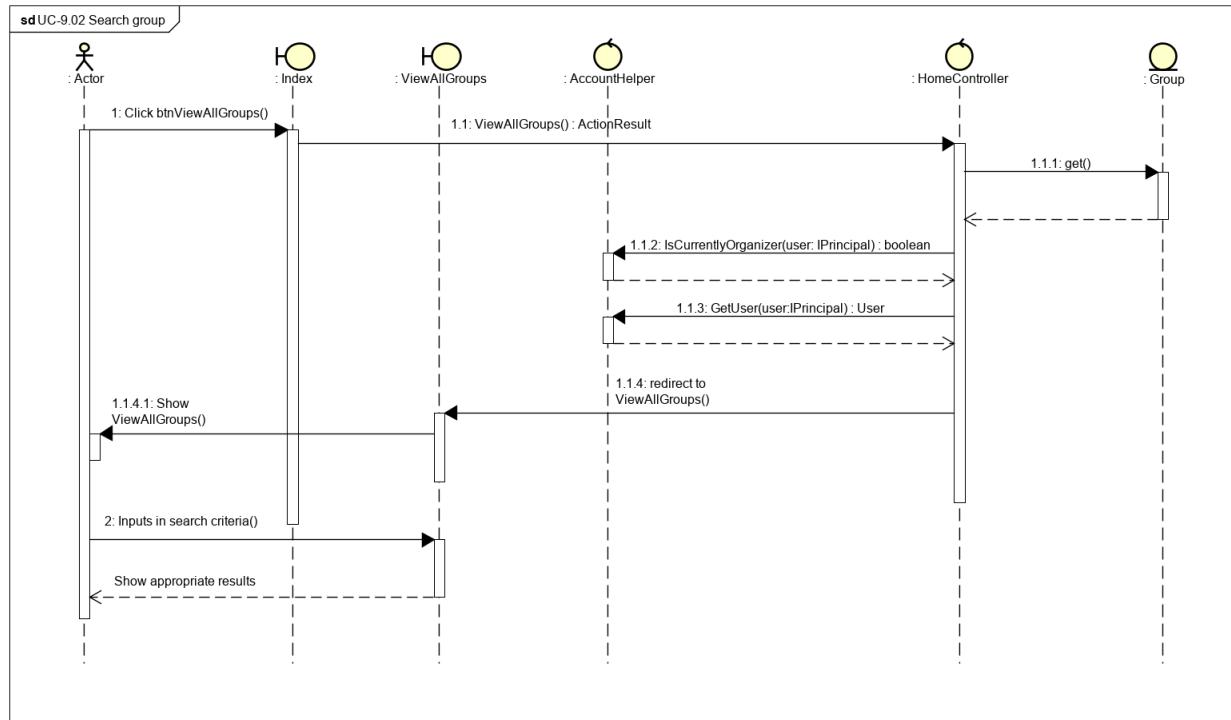
No	Group name	Group leader	Members	Mail	
1	Aaa	Luyện Yên	1		Change leader Delete

Figure 73. Search group design

Class Diagram

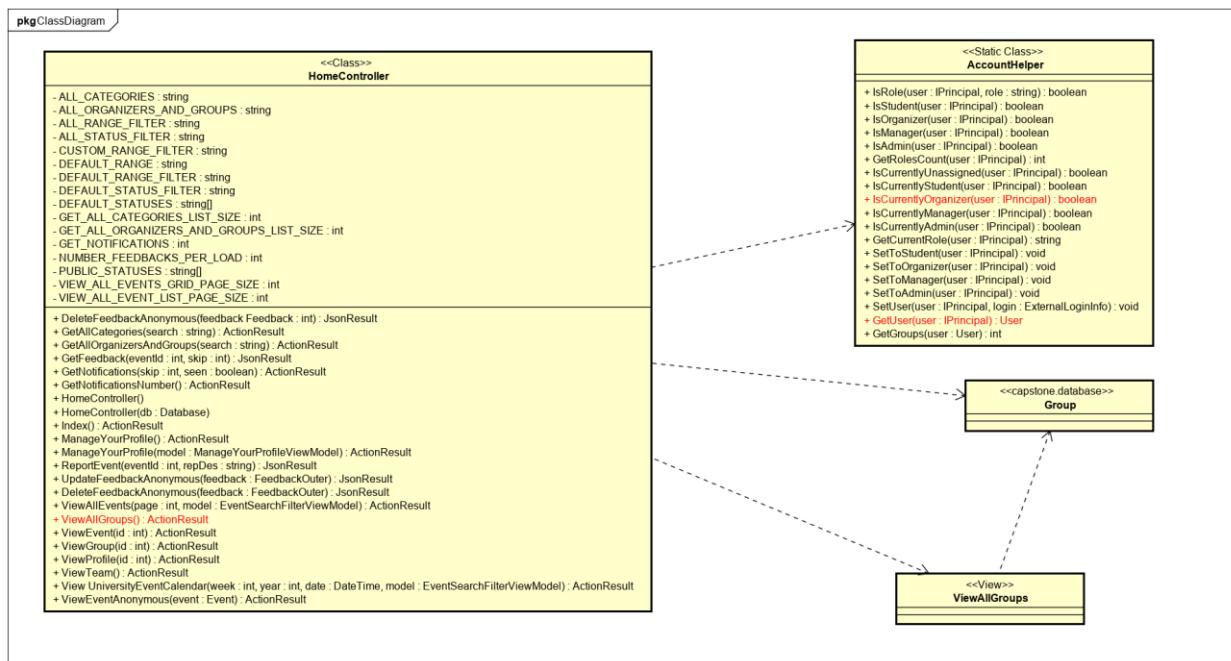


Sequence Diagram

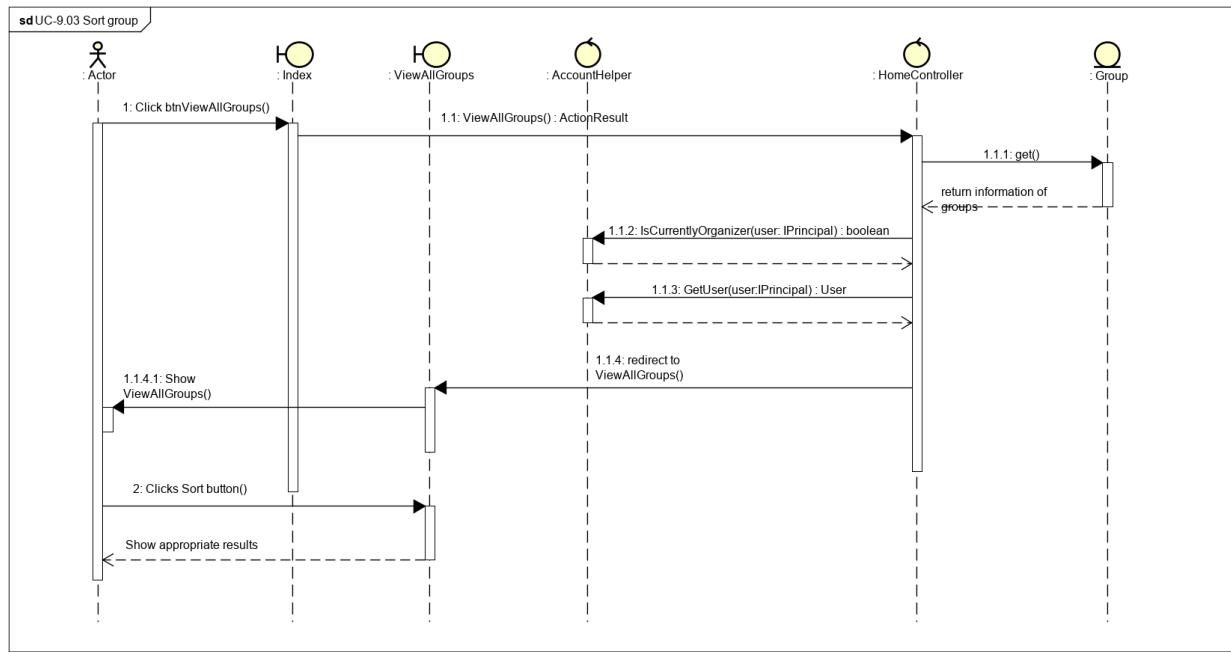


3.2.9.3. Sort group グループの並べ替え

Class Diagram



Sequence Diagram



3.2.9.4. View group information グループ情報の閲覧

Screen Design

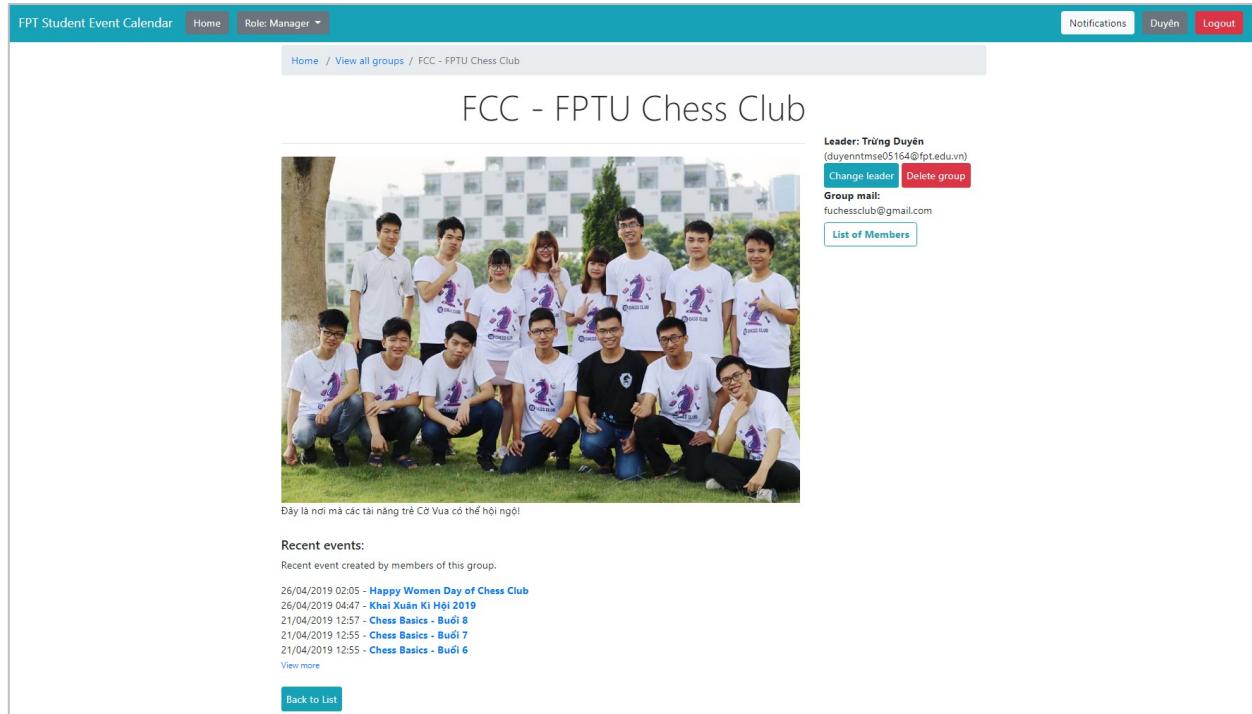
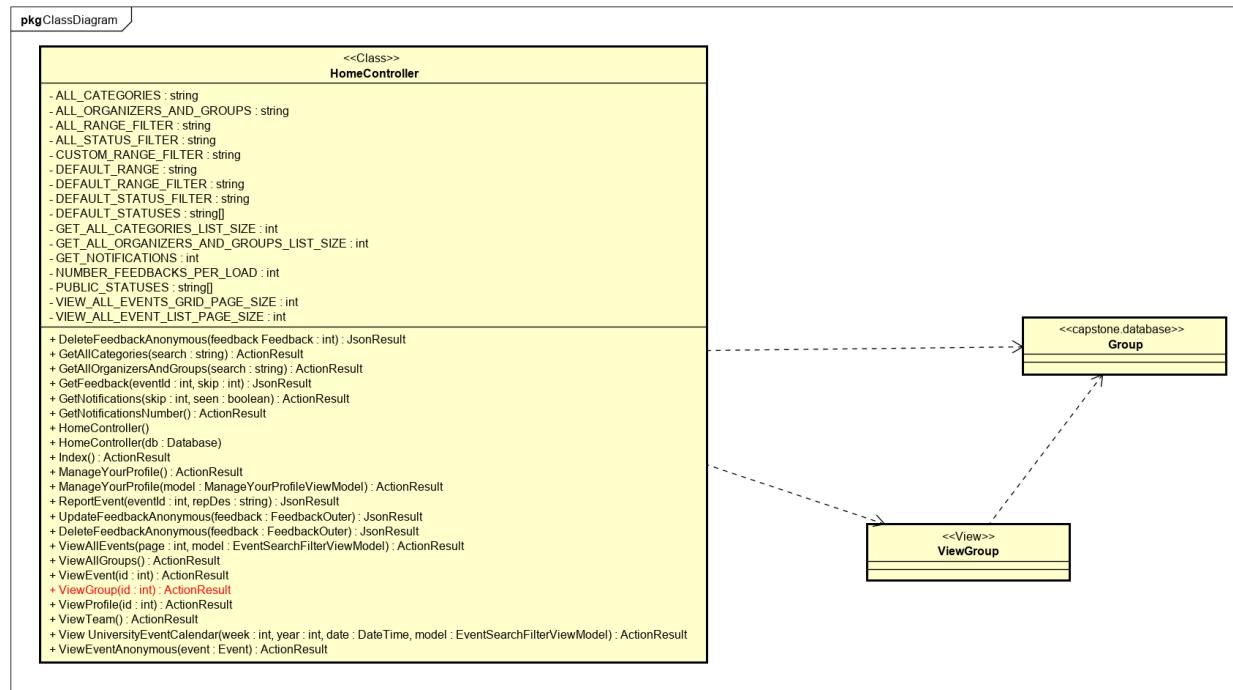
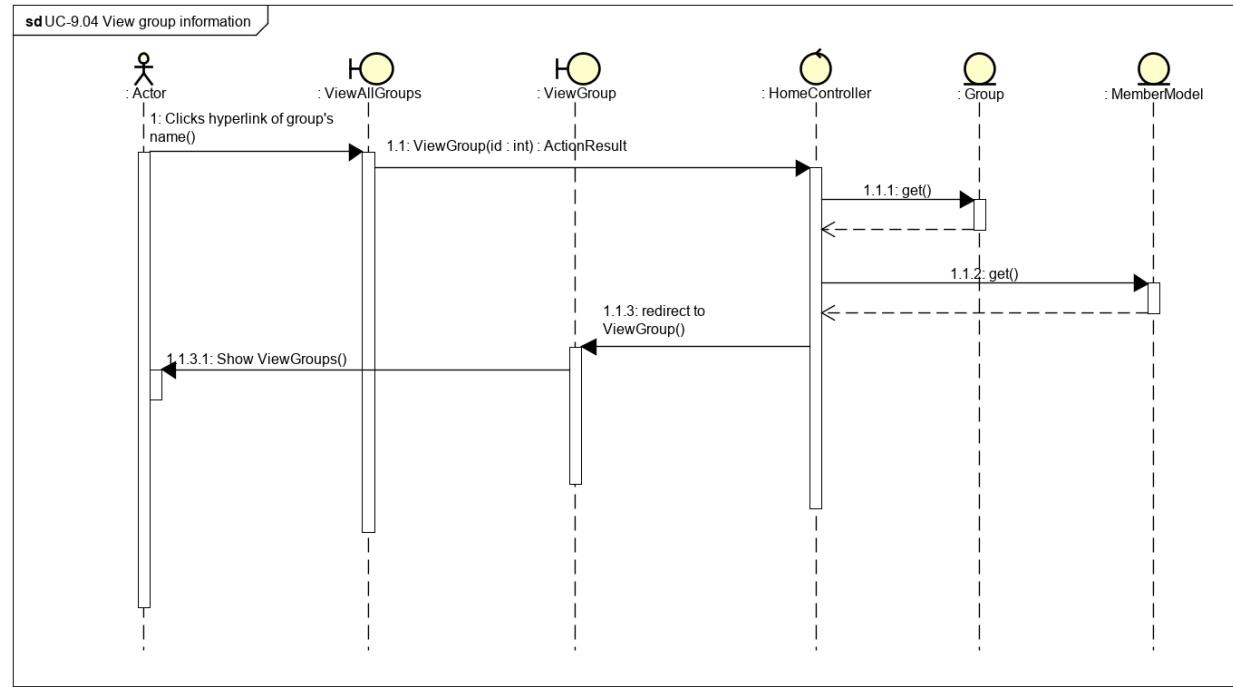


Figure 74. View group information screen

Class Diagram



Sequence Diagram



3.2.9.5. View group member グループメンバーの閲覧

Screen Design

Câu lạc bộ Vì Cộng Đồng iGo

Members of Câu lạc bộ Vì Cộng Đồng iGo

No	Name	Role	Mail	Joined Date
1	Trừng Duyên	Leader	duyenntmse05164@fpt.edu.vn	18/04/2019 00:42
2	Phạm Thị Oanh	Organizer	oanhptse04853@fpt.edu.vn	24/04/2019 03:56
3	Phạm Tuyết Hạnh Hà	Organizer	hapth@fpt.edu.vn	24/04/2019 03:56
4	Luyễn Yên	Organizer	yenltse04823@fpt.edu.vn	24/04/2019 03:56
5	Beria Momo	Organizer	phuongnmse05113@fpt.edu.vn	24/04/2019 03:56
6	Lê Việt Thắng	Organizer	thanglvse04854@fpt.edu.vn	24/04/2019 03:56
7	Hồ Xuân Hưng	Organizer	hunghxse04721@fpt.edu.vn	24/04/2019 03:56
8	Nguyễn Hùng Tiến	Organizer	tiennhse04976@fpt.edu.vn	24/04/2019 03:56
9	Bùi Công Nam	Organizer	nambcse04832@fpt.edu.vn	24/04/2019 03:56
10	Phan Trường Lâm	Organizer	lampt@fpt.edu.vn	24/04/2019 03:56

Showing 1 to 10 of 15 entries

Recent events:

Recent event created by members of this group.

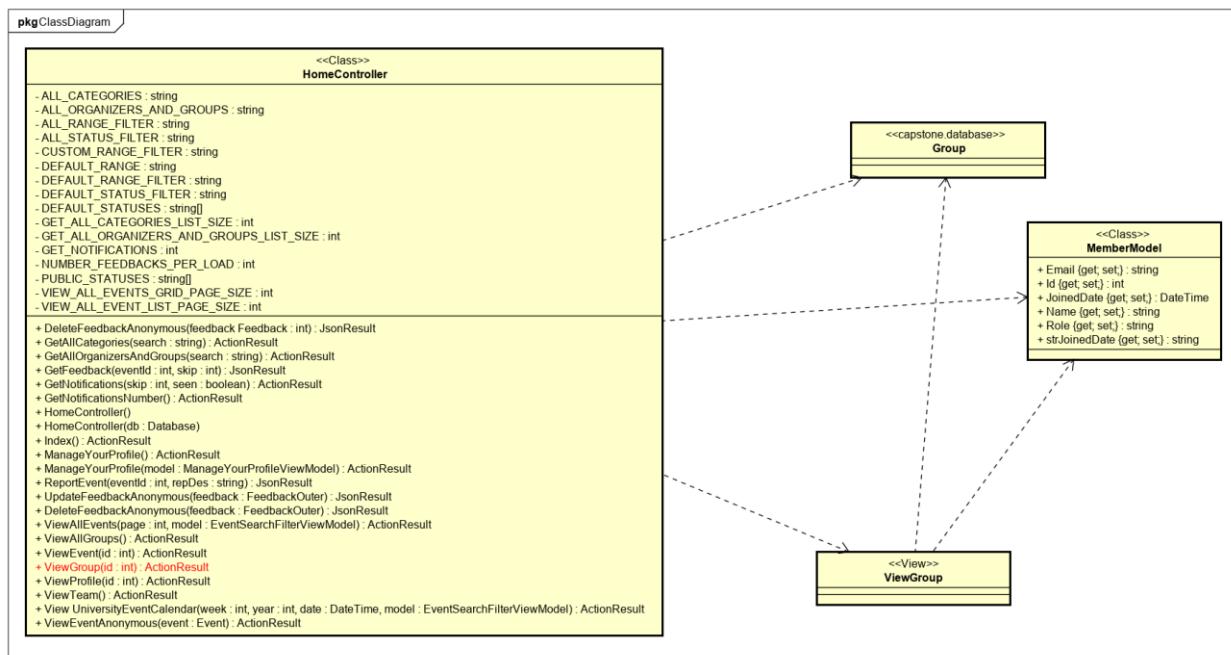
21/04/2019 12:18 : Save Your Soul

View more

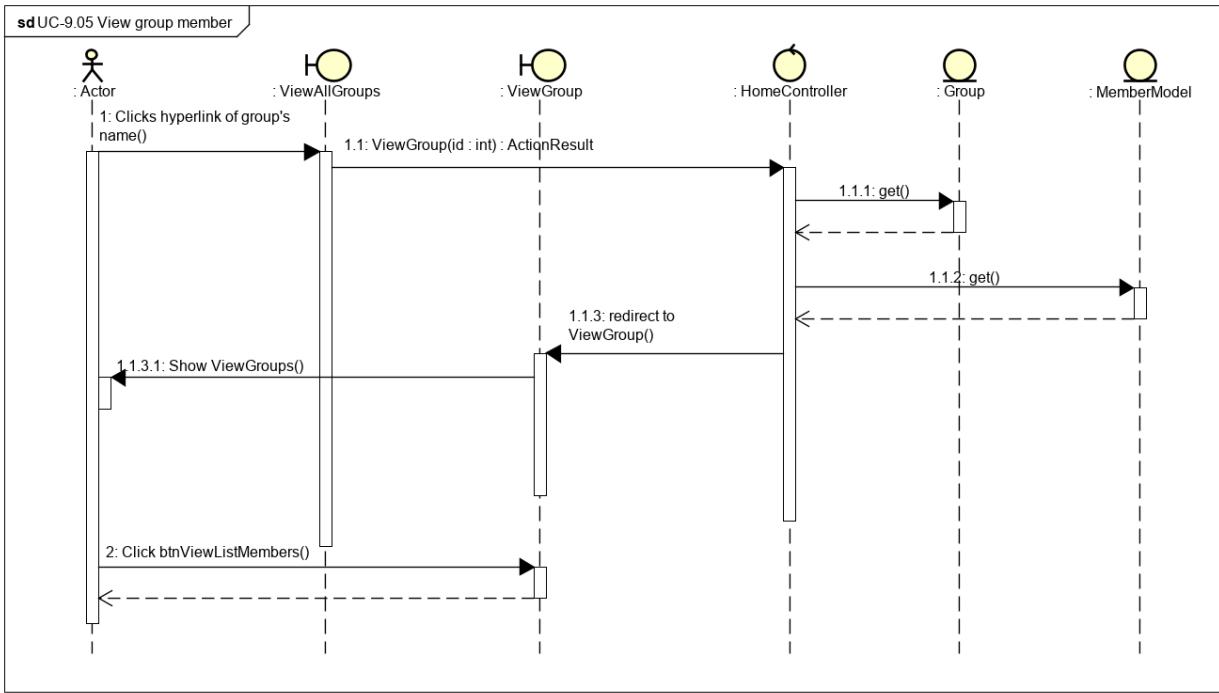
Back to List

Figure 75. View group members screen

Class Diagram

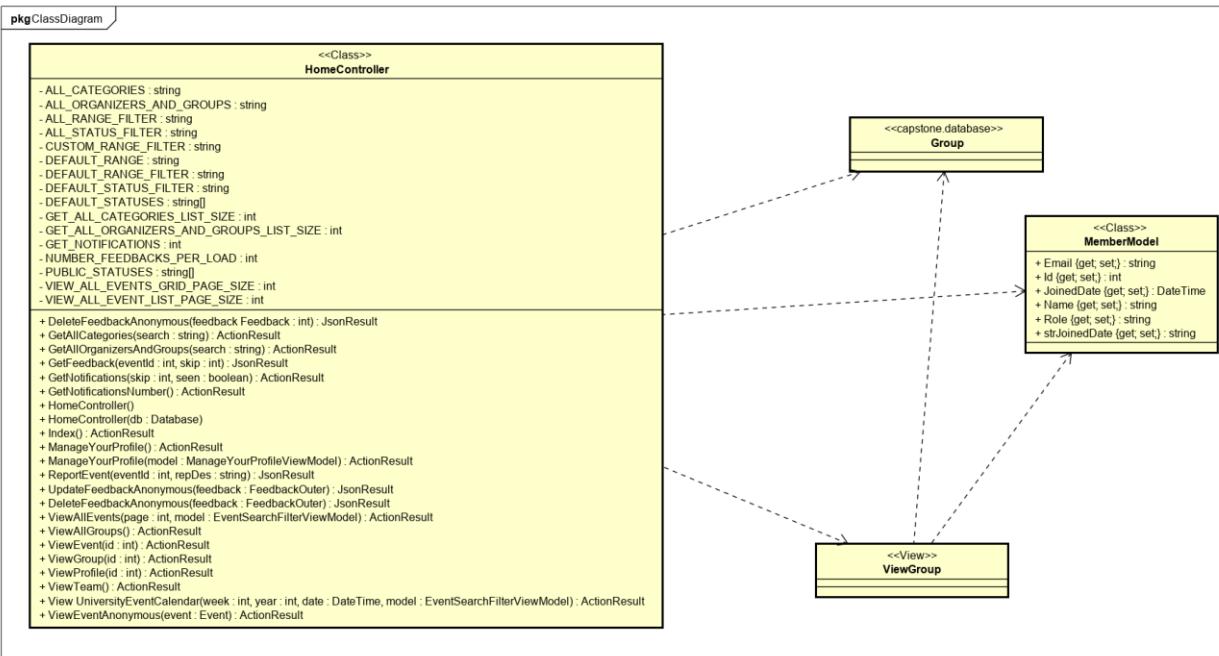


Sequence Diagram

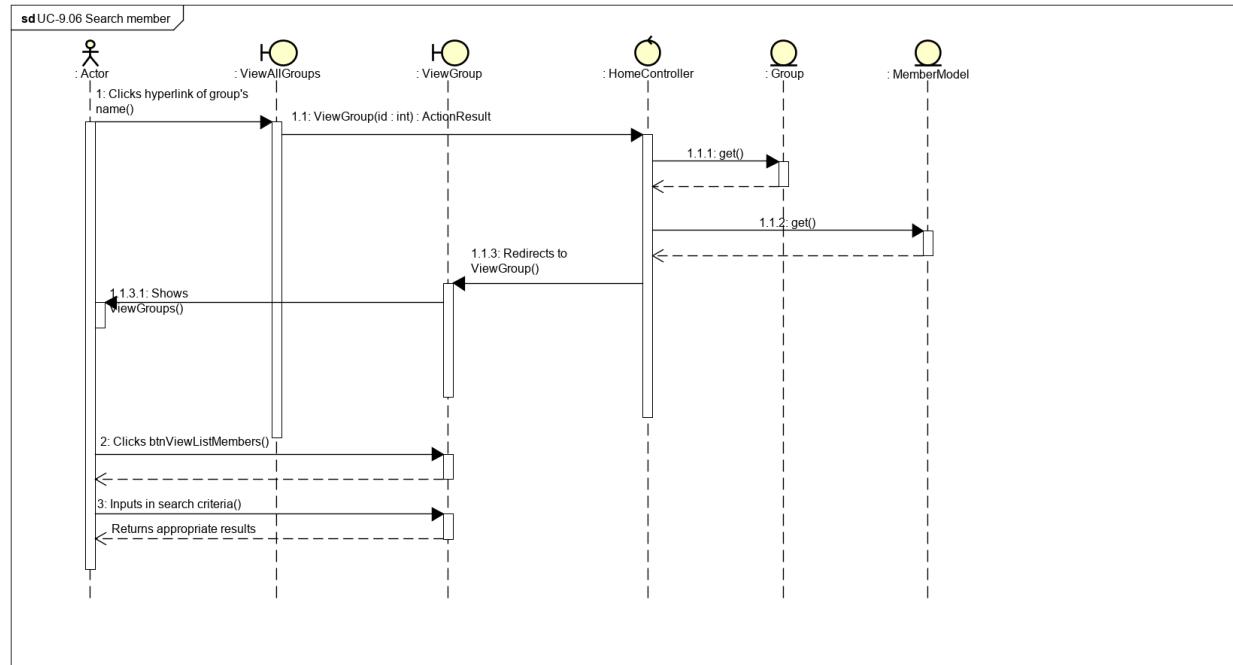


3.2.9.6. Search member メンバー検索

Class Diagram

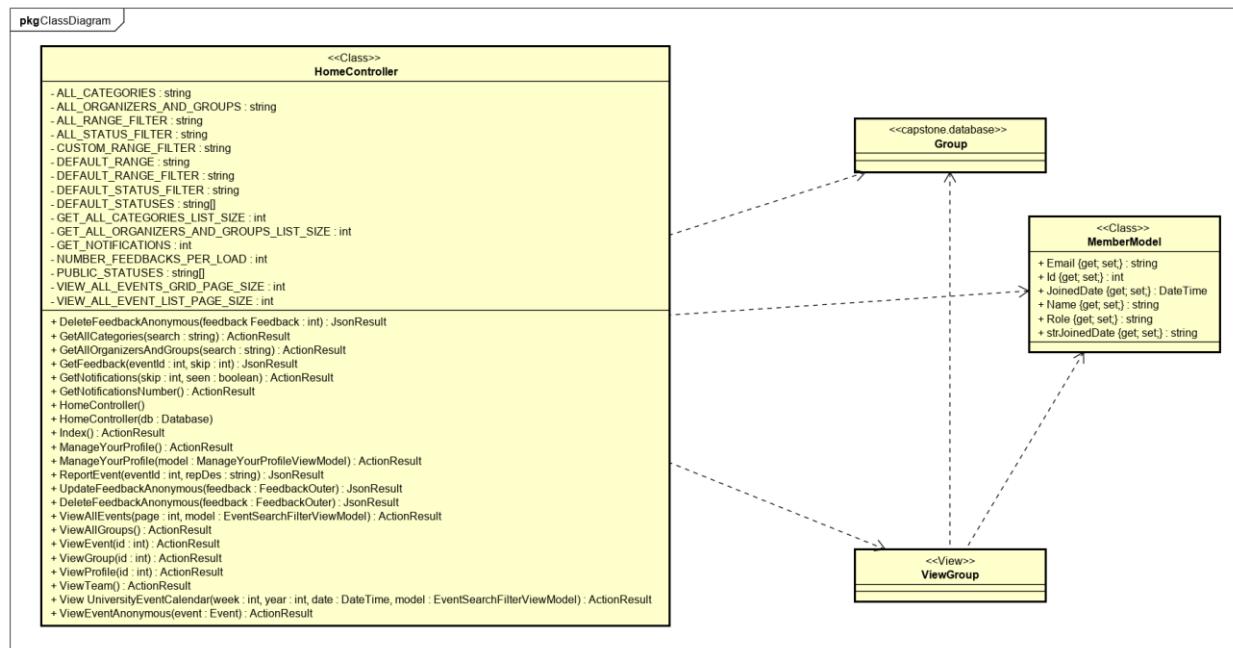


Sequence Diagram

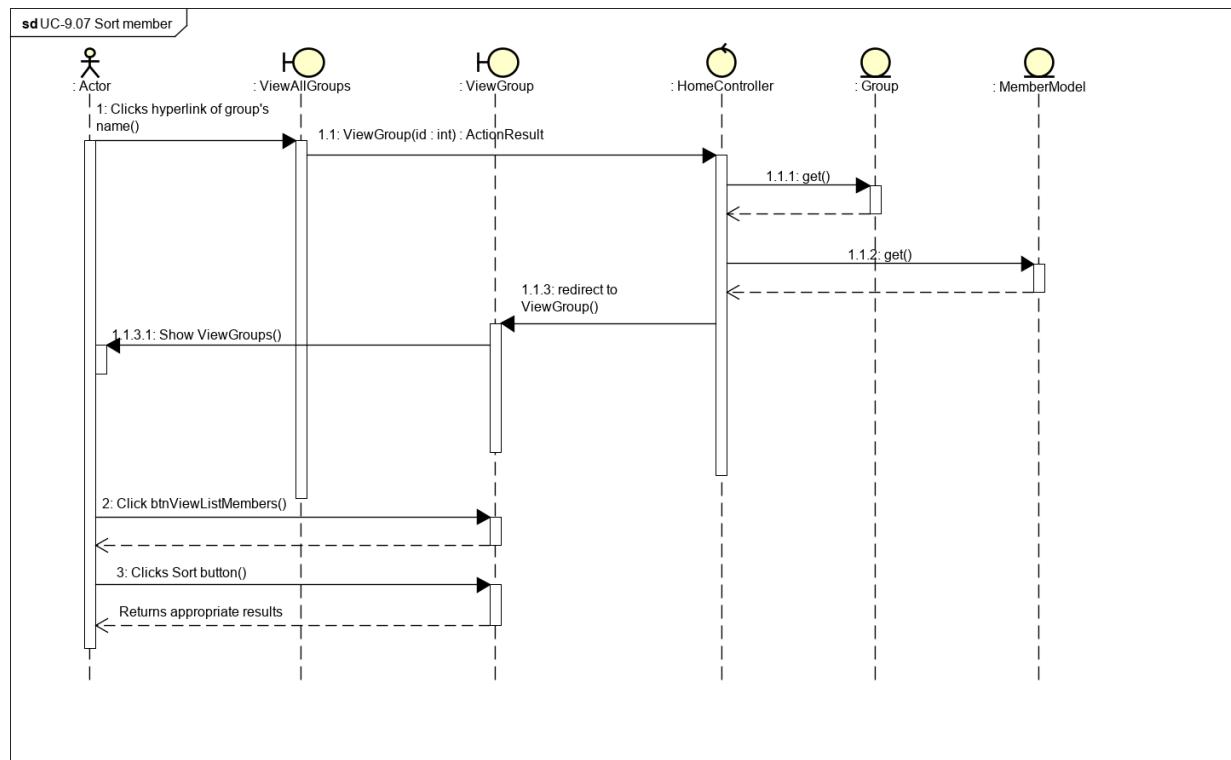


3.2.9.7. Sort member メンバーの並べ替え

Class Diagram



Sequence Diagram



3.2.9.8. Add member to group グループにユーザー追加

Screen Design

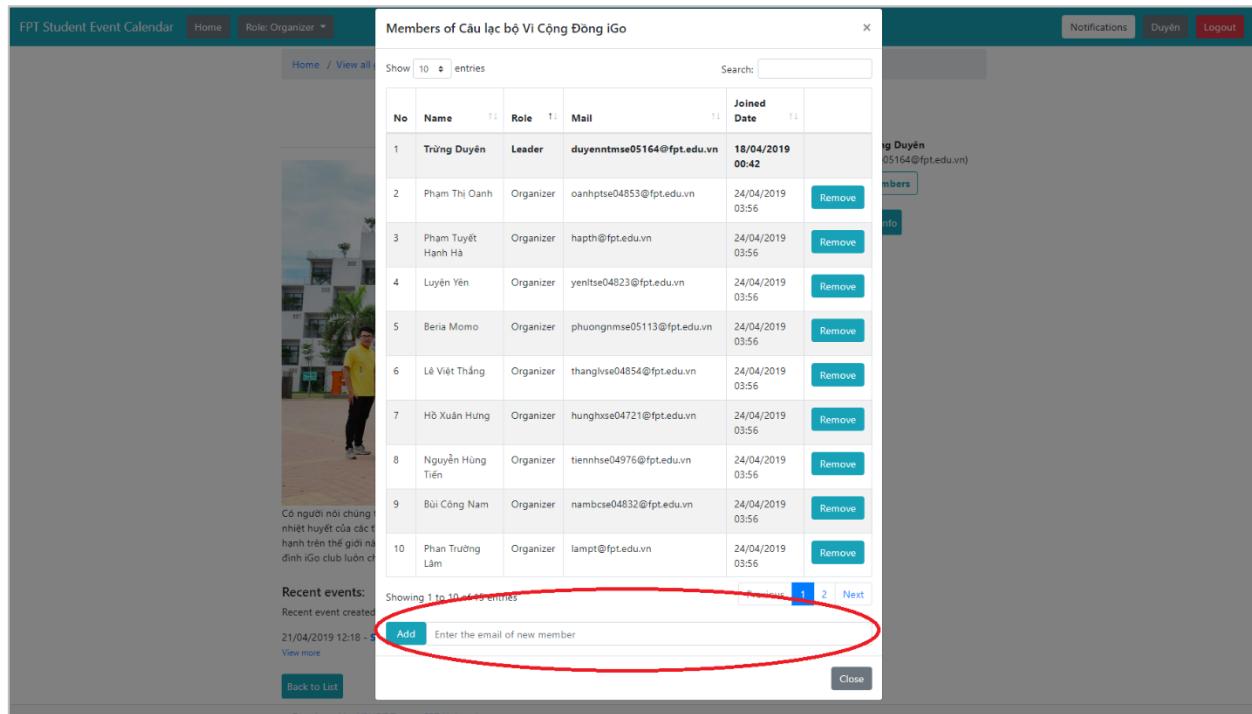
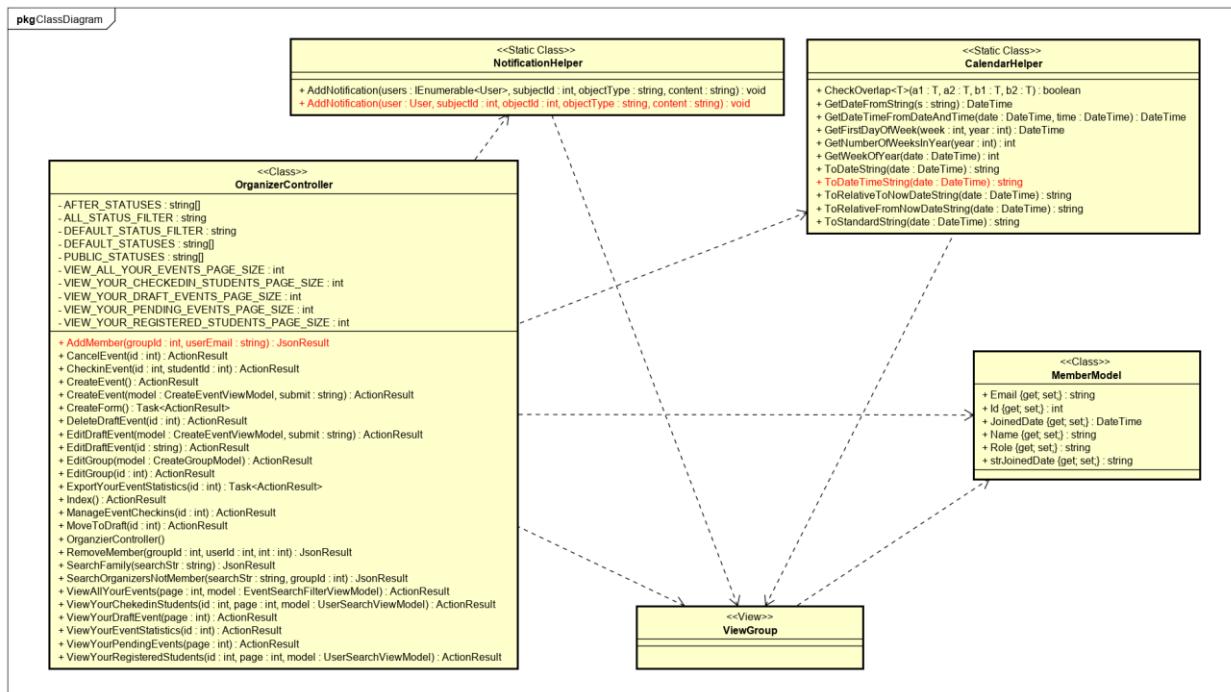
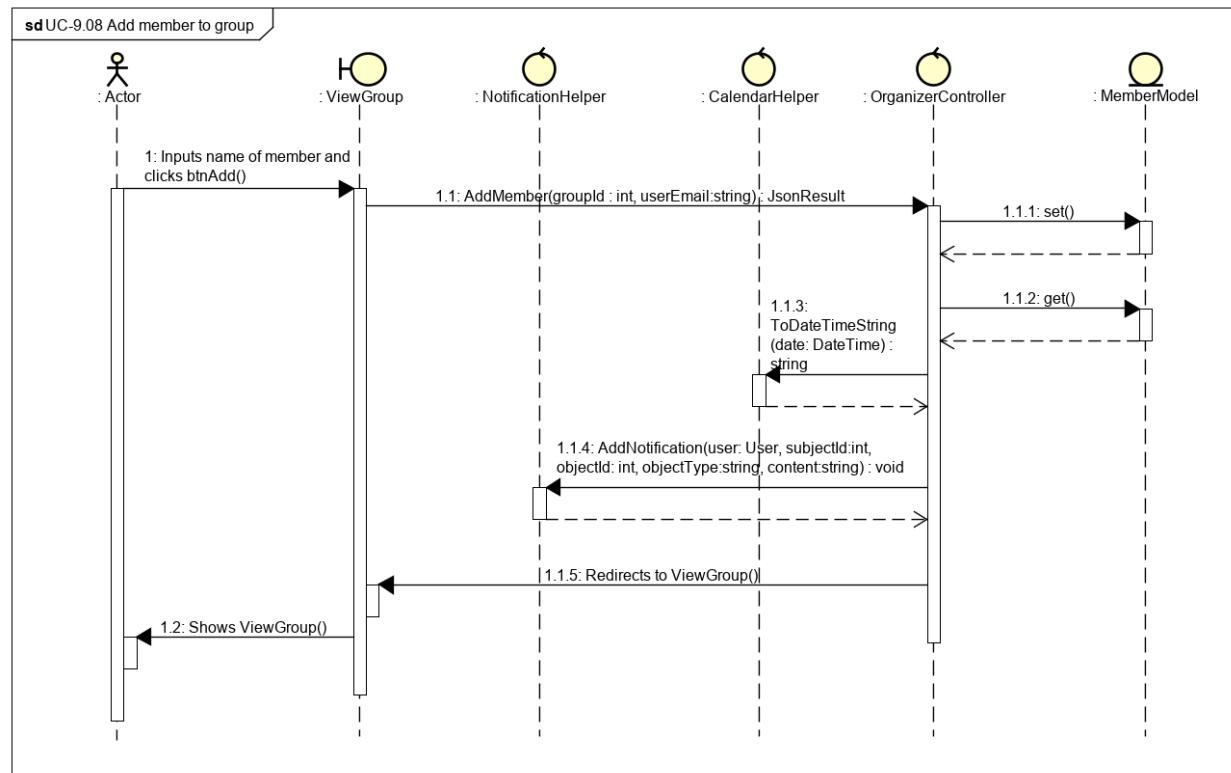


Figure 76. Add member to group screen

Class Diagram



Sequence Diagram



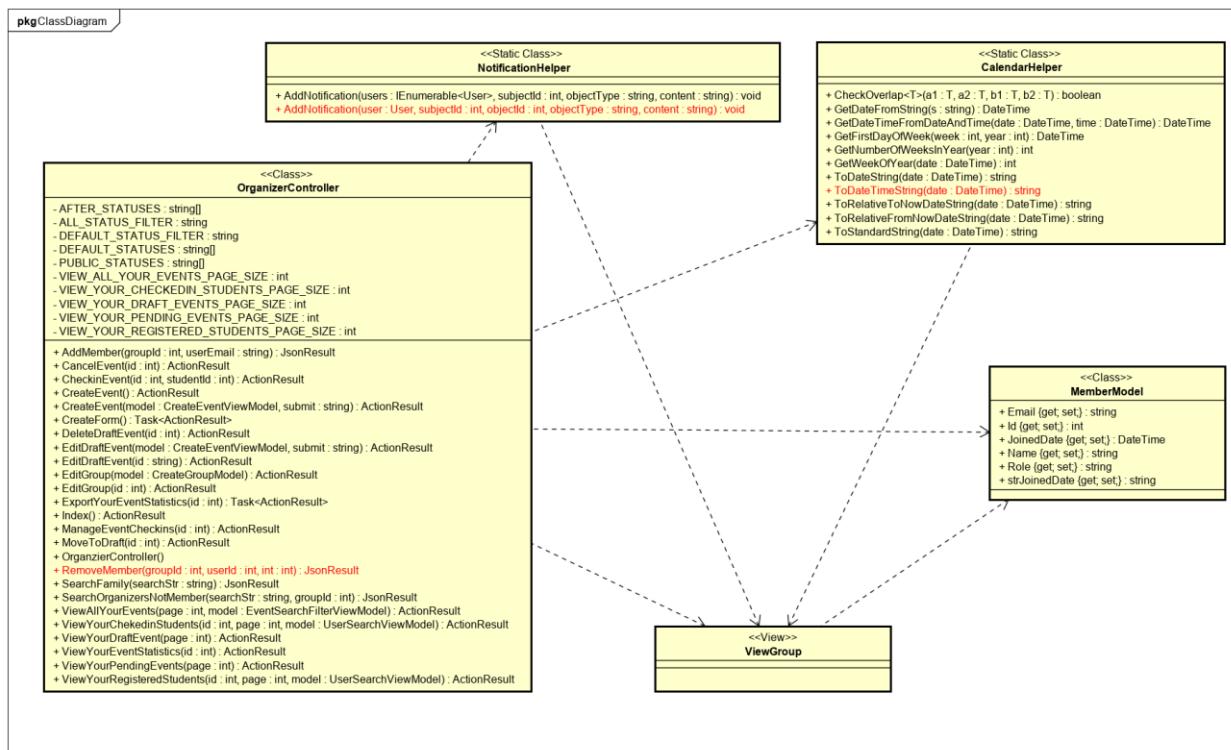
3.2.9.9. Remove member グループからメンバー削除

Screen Design

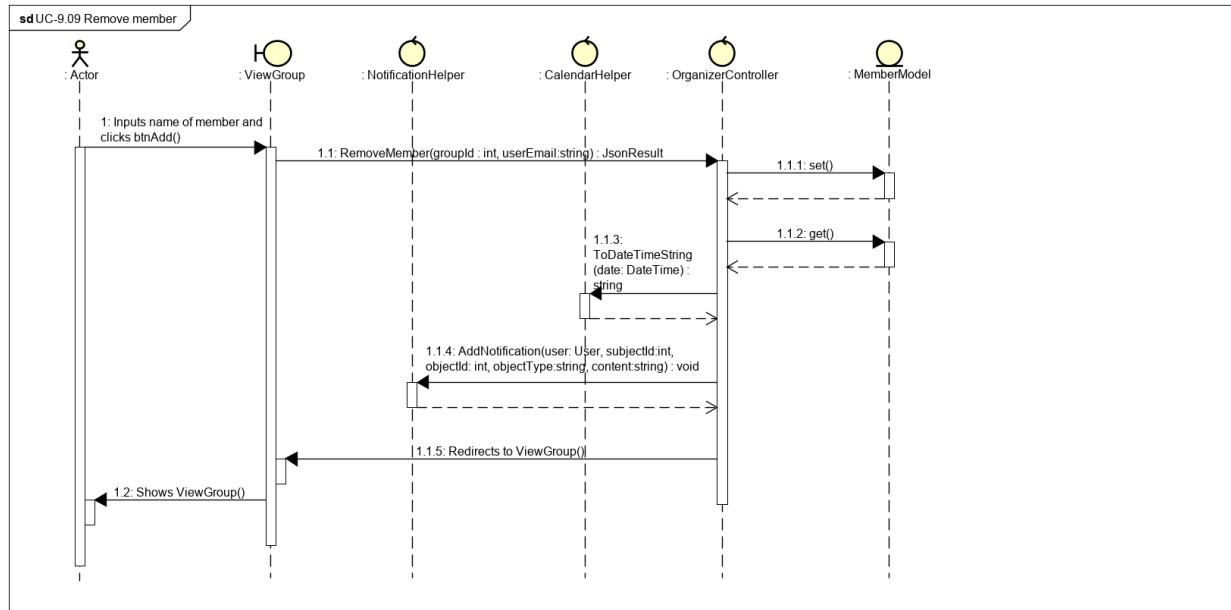
Members of Câu lạc bộ Vì Cộng Đồng iGo					X
Show 10 ↓ entries			Search:		
No	Name	Role	Mail	Joined Date	
1	Trường Duyên	Leader	duyenntmse05164@fpt.edu.vn	18/04/2019 00:42	
2	Phạm Thị Oanh	Organizer	oanhptse04853@fpt.edu.vn	24/04/2019 03:56	<button>Remove</button>

Figure 77. Remove member screen

Class Diagram



Sequence Diagram



3.2.9.10. Edit information of group グループ情報の編集

Screen Design

FPT Student Event Calendar Home Role: Organizer Notifications Duyễn Logout

Organizer / View all groups / Câu lạc bộ Vì Cộng Đồng iGo / Edit group

Edit group

Edit your group informations.

Group name
Câu lạc bộ Vì Cộng Đồng iGo

Leader
Trung Duyên (duyenntmse05164@fpt.edu.vn)

Founded date
02/01/2010

Group mail
igo@gmail.com

Group Image

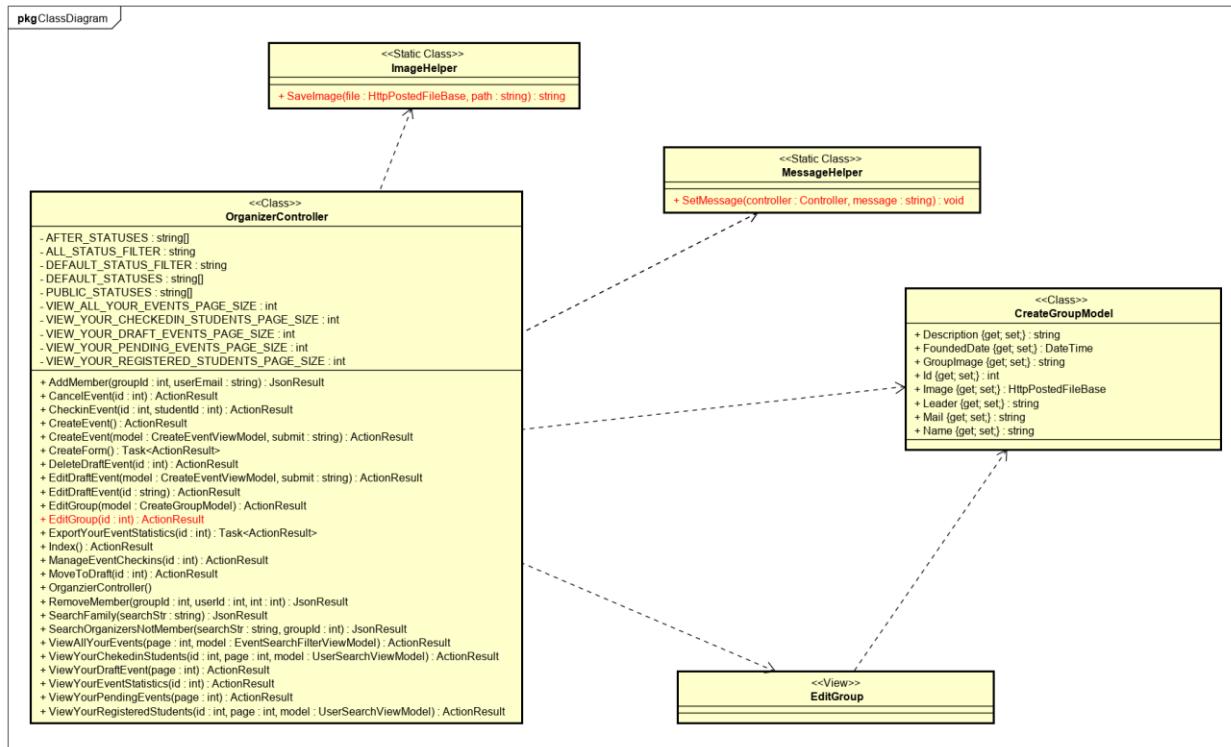
Description

Có người nói chúng tôi là 1 nhóm, 1 đội chưa đủ tầm để thành 1 tổ chức tinh nguyện vì cộng đồng. Nhưng với lòng nhiệt huyết của các tinh nguyện viên sinh viên FPT, chúng tôi sẵn sàng góp sức trẻ, giúp cuộc sống của những bất hạnh trên thế giới này có thêm giây phút ấm áp từ chính những người Việt trẻ.
Là 1 sân chơi
Là 1 tổ chức

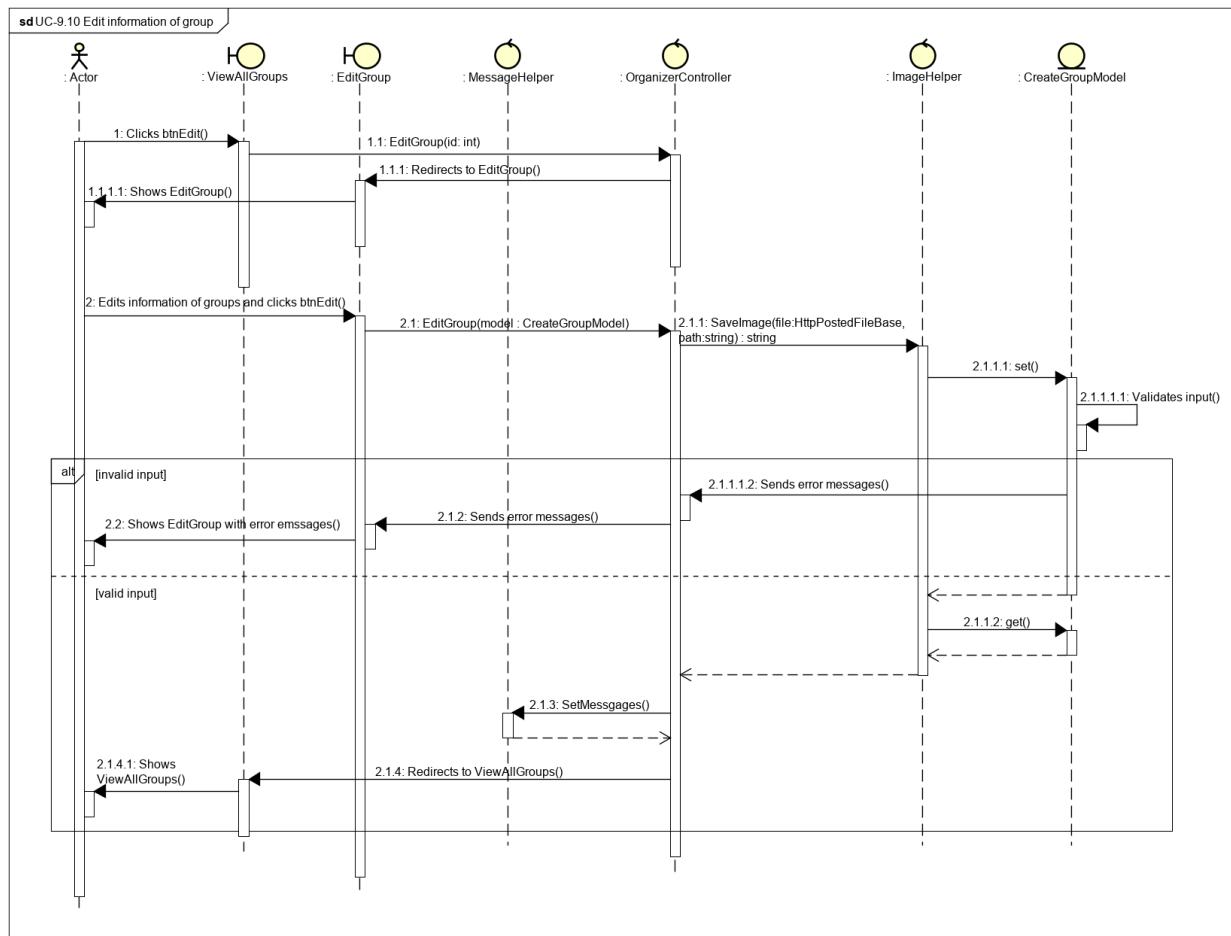
Developed by VPHDT Team - FPT University

Figure 78. Edit information of group screen

Class Diagram



Sequence Diagram



3.2.9.11. Create group グループ作成

Screen Design

FPT Student Event Calendar Home Role: Manager Notifications Duyễn Logout

Manager / Create group

Create group

Create new group for users to join and operate.

Group name

Leader

Founded date

Group mail

Group image

Upload image

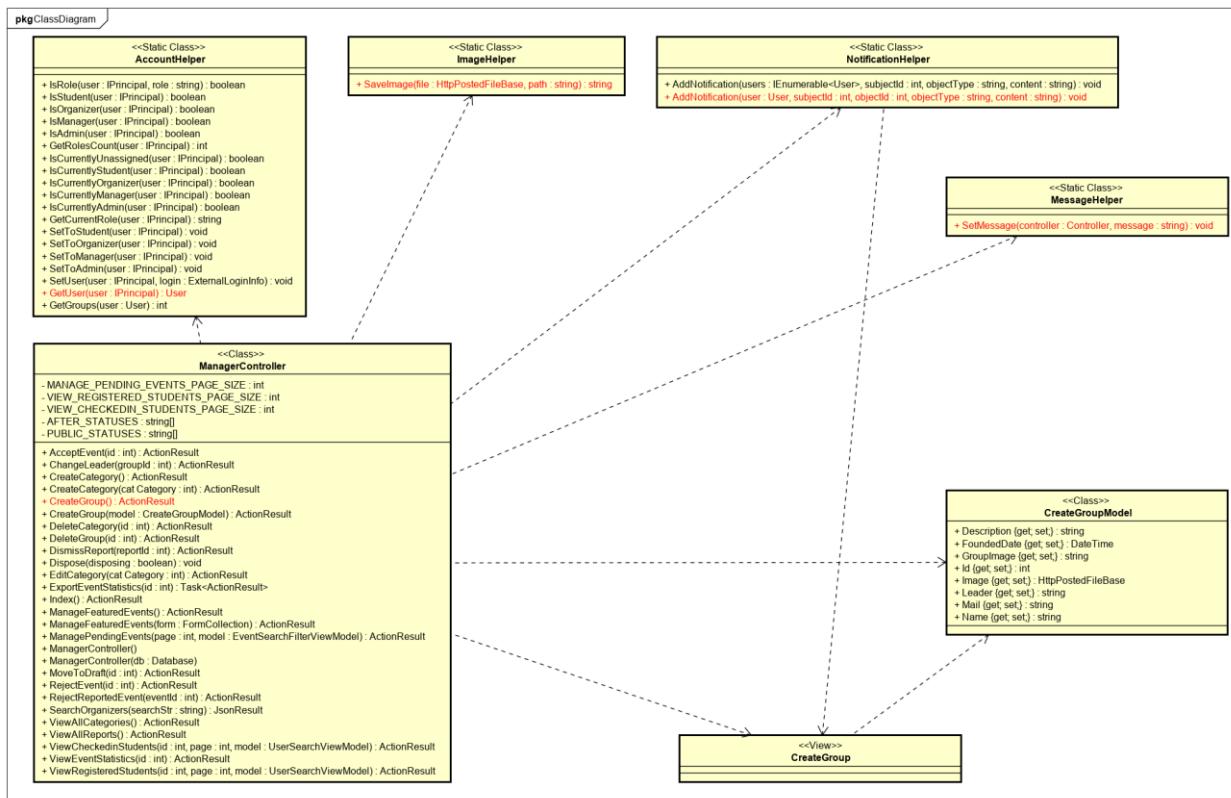
Description

Create

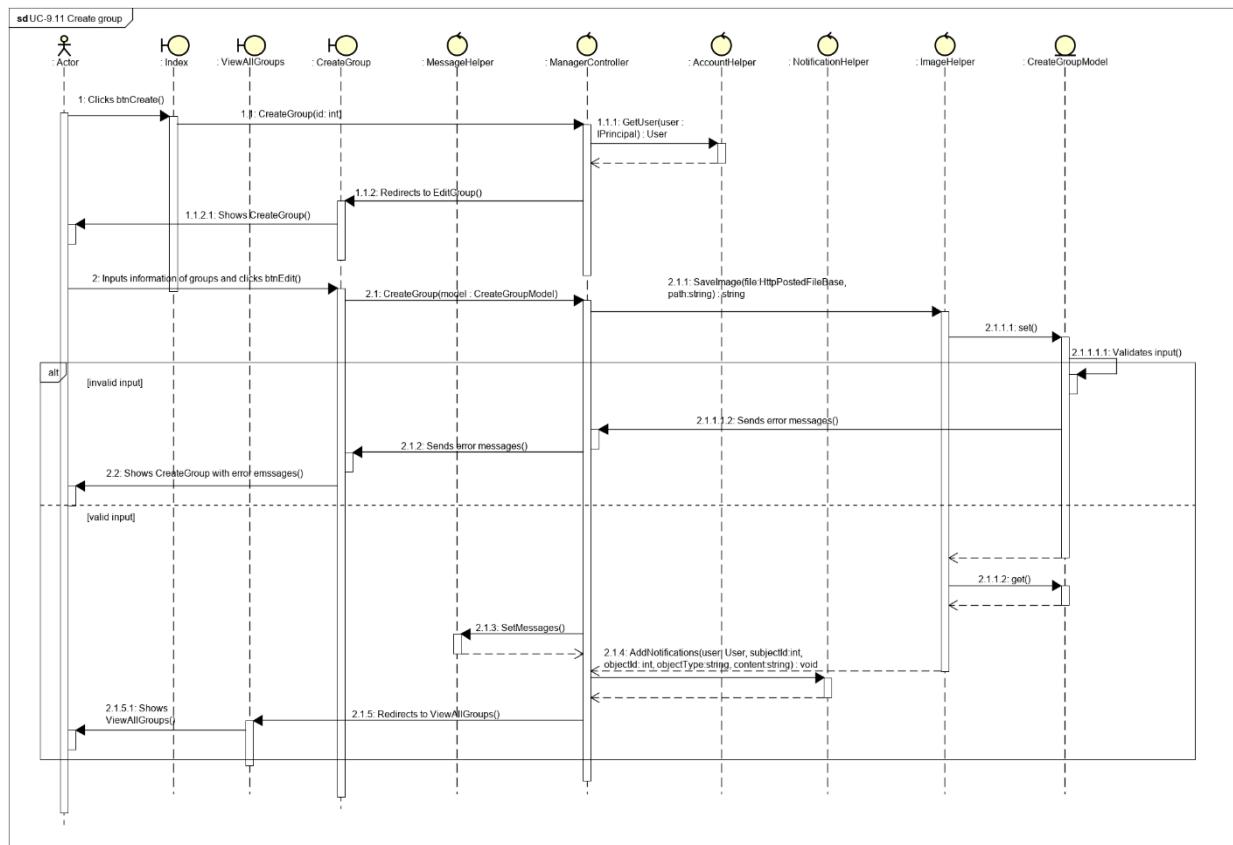
Developed by YPHDT Team - FPT University

Figure 79. Create group screen

Class Diagram



Sequence Diagram



3.2.9.12. Change leader リーダー変更

Screen Design

Assign group leader to another organizer.

Group: Câu lạc bộ No Shy

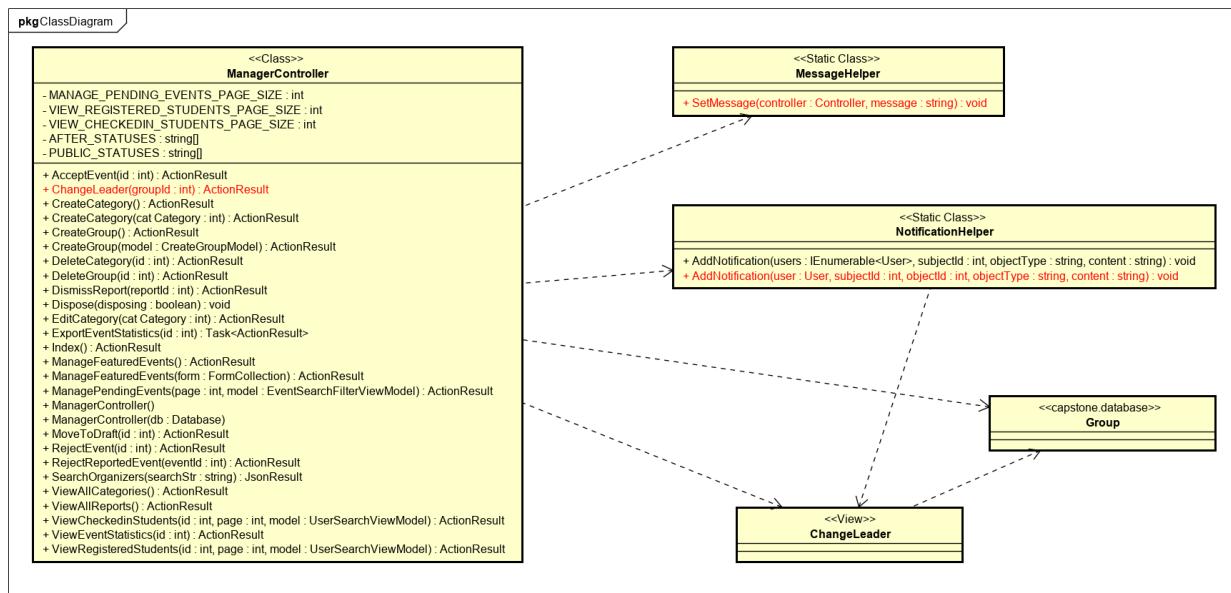
Leader: Hồ Xuân Hưng (hunghxse04721@fpt.edu.vn)

List of currently organizers in group.

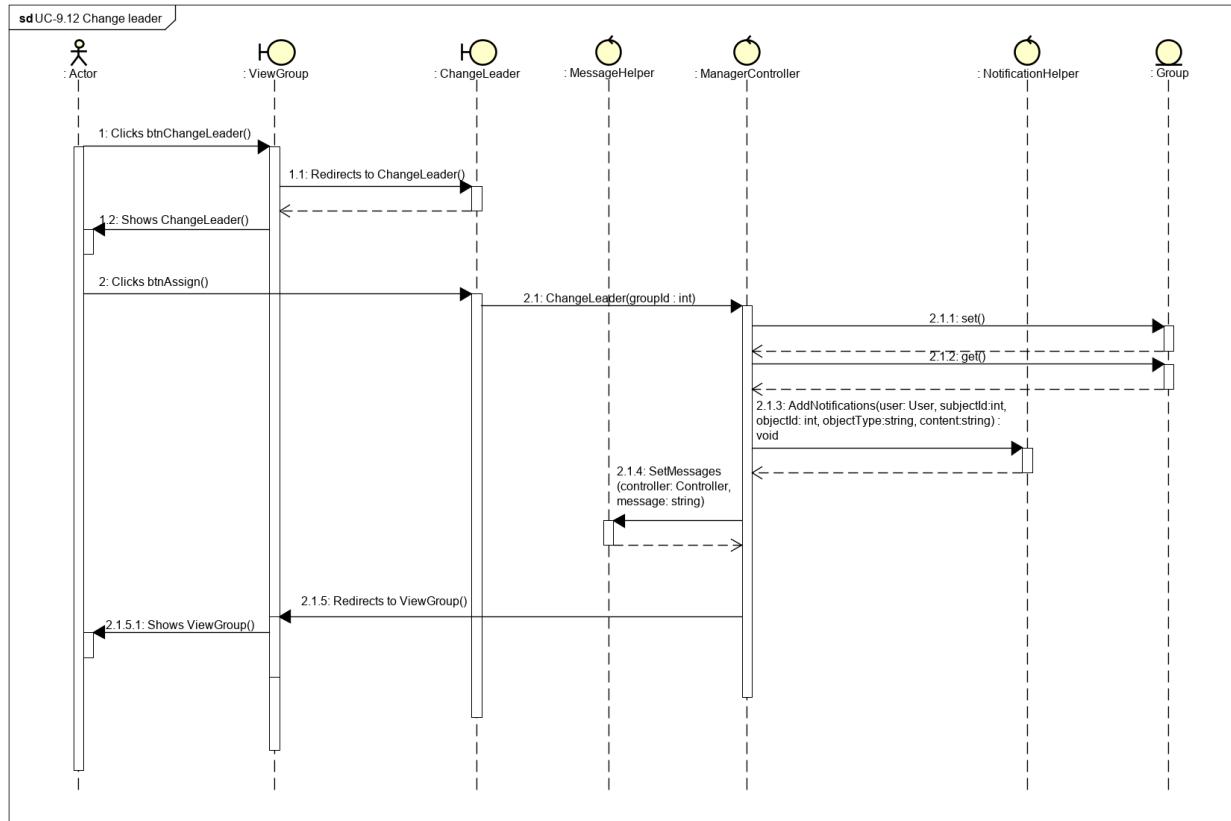
No	Name	Mail	Joined Date	
1	Bùi Công Nam	nambcse04832@fpt.edu.vn	24/04/2019 03:50	Assign
2	Bé Khánh Duy	duybkse04836@fpt.edu.vn	24/04/2019 03:53	Assign
3	Nguyễn Hùng Tiến	tiennhse04976@fpt.edu.vn	24/04/2019 03:53	Assign
4	Phạm Thị Oanh	oanhptse04853@fpt.edu.vn	24/04/2019 03:51	Assign
5	Trịnh Phương Anh	anhttp@fpt.edu.vn	21/04/2019 23:51	Assign
6	Trung Duyên	duyenntmse05164@fpt.edu.vn	18/04/2019 00:42	Assign
7	Đinh Lan Hương	huongdlse05123@fpt.edu.vn	24/04/2019 03:51	Assign

Figure 80. Change leader screen

Class Diagram

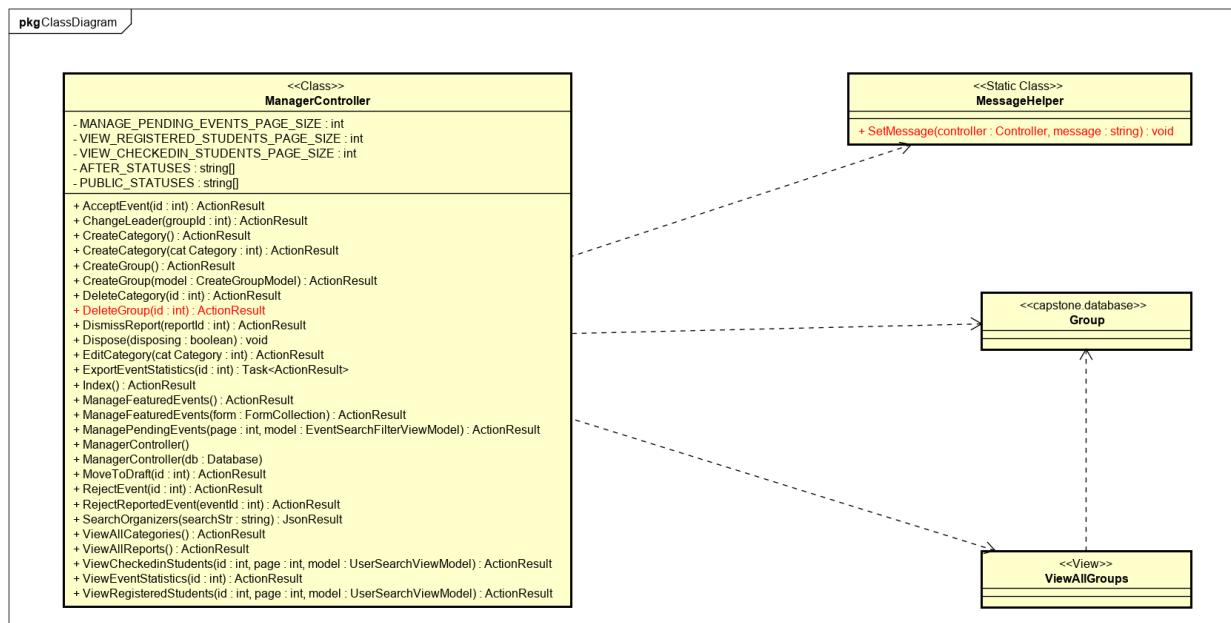


Sequence Diagram

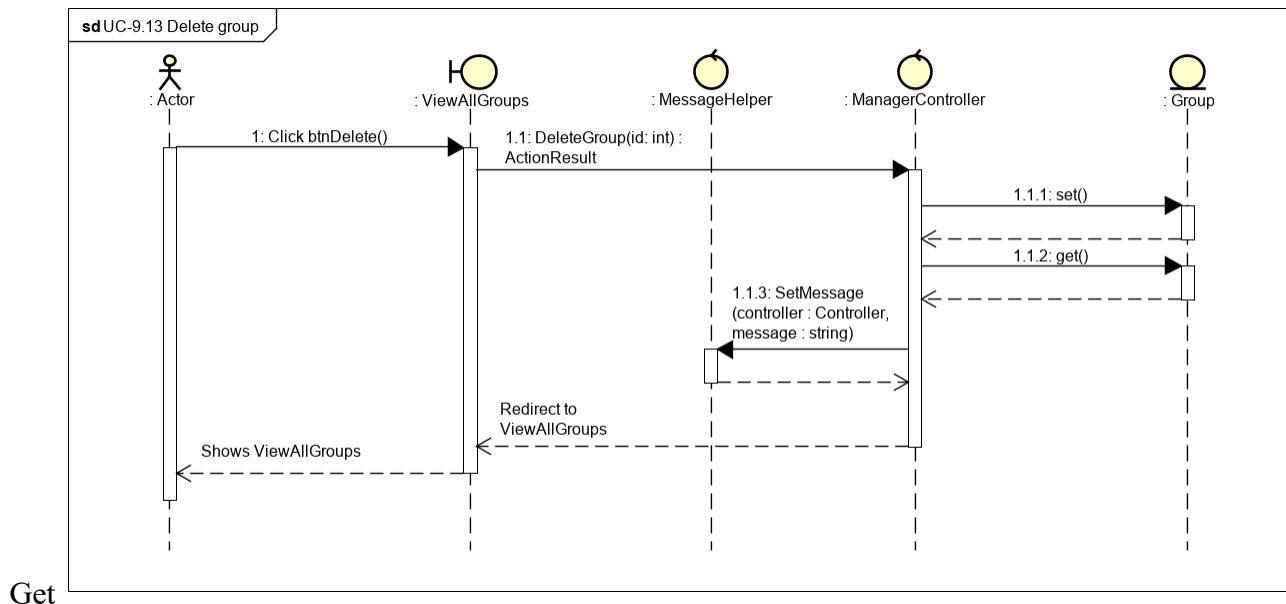


3.2.9.13. Delete group グループ削除

Class Diagram



Sequence Diagram



3.2.10. Manage notifications module お知らせの管理

3.2.10.1. Show notifications お知らせの表示

Screen Design

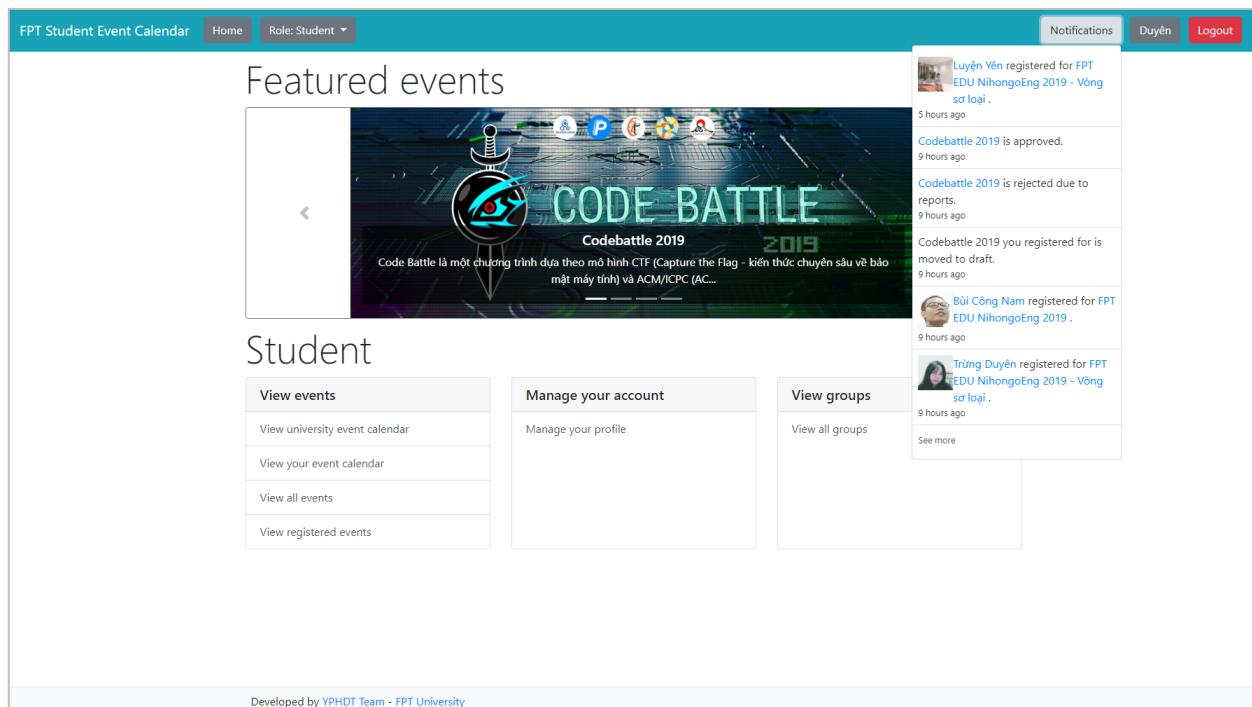
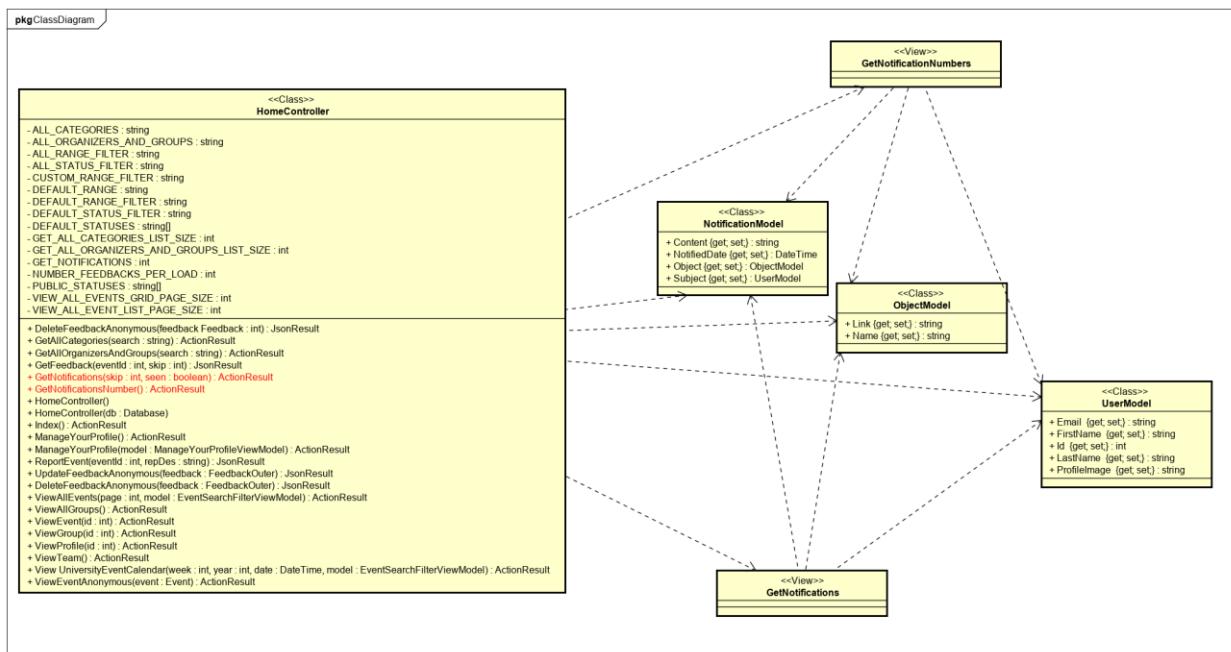
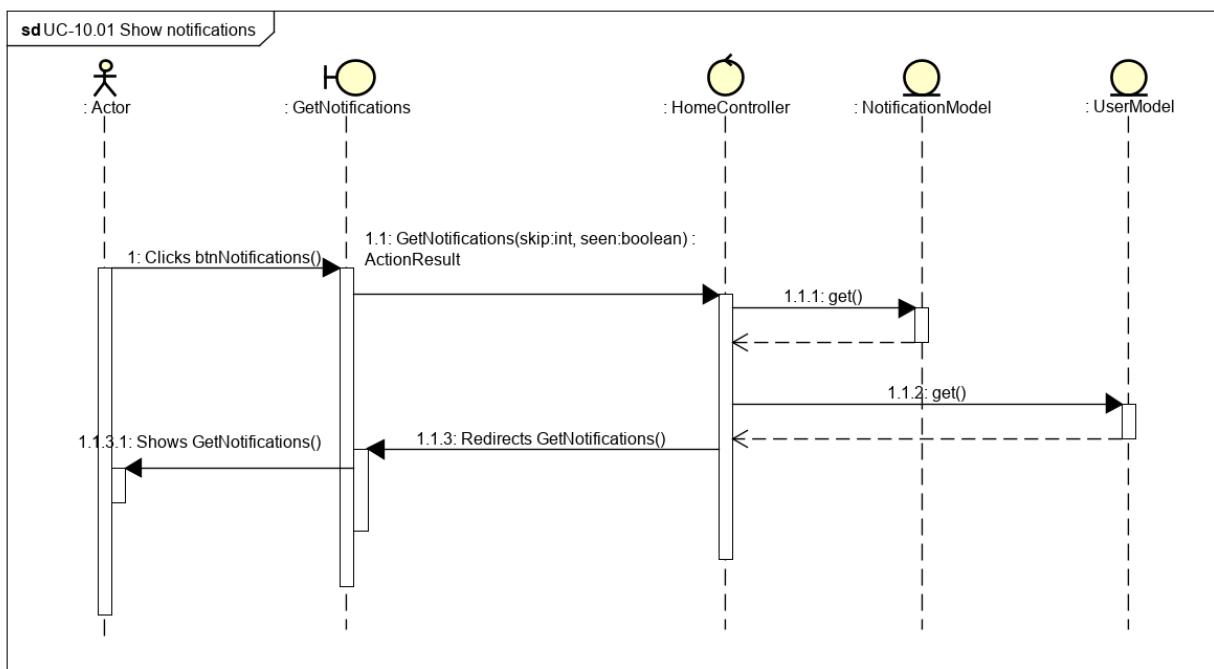


Figure 81. Show notifications screen

Class Diagram



Sequence Diagram



Chapter 5: Software testing

1. Introduction 紹介

1.1. Purpose 目的

The test plan contains a detailed understanding of the workflow and functions of the system and documents how each of those will be tested in order to find out if the system works according to its design, to find bugs, and to determine its actual limitations. Using the contents of this chapter, developers and testers can work together to ensure that the system is thoroughly tested and functions as intended.

1.2. Scope of testing テストの範囲

1.2.1. Stages of testing テストの段階

In the scope of the project, there are 4 testing phases: Unit testing, Integration testing, System testing and Acceptance testing.

No.	Test level	Description
1	Unit testing	Unit Tests are performed by developers to ensure that individual units of source code function as intended. Unit tests are primarily used to test complicated algorithms and automatically test important functions.
2	Integration testing	Integration Tests are performed by testers to test whether combined unit function as intended. We also know defects between the modules/functions. After that, developer will fix the system suitably.
3	System testing	System Tests are performed by testers. In this test, tester will be a customer, to test the system as a whole and determine whether or not the system meets the requirements. No specific tools are used for system tests.
4	Acceptance testing	Testers create check list include some rules between team members, customers and the supervisor. If customers don't have any requirements, we will build acceptance test base on the purpose of project

Table 35. Stages of testing

1.2.2. Types of testing

The following types of testing are performed:

- Functional testing
- User interface testing

1.2.3. Range of testing

Team performs all functions defined in the SRS based on the approved version.

2. Test plan テスト計画

2.1. Testing Tools and Environment テストツールと環境

The following tools are used for testing:

Tools	Purpose
Google Chrome	Use to view the web page, bug logging page, etc..
Microsoft Excel	Use to manage test cases
Trello	User to manage bug
MSTest	Use to perform unit tests
SmartPhone	Use to view the web page, bug logging page, etc..

Testing Environment

Type of testing	Software	Hardware
Unit test	MTest	Laptop Lenovo Thinkpad: <ul style="list-style-type: none"> ○ Windows 10 Pro ○ Intel core i7 2.6GHz ○ 8GB Memory ○ Screen resolution: 1920 x 1080
Integration test	Google chrome	Laptop Lenovo Thinkpad: <ul style="list-style-type: none"> ○ Windows 10 Pro ○ Intel core i7 2.6GHz ○ 8GB Memory ○ Screen resolution: 1920 x 1080
System test	Google chrome	Laptop Lenovo Thinkpad: <ul style="list-style-type: none"> ○ Windows 10 Pro ○ Intel core i7 2.6GHz ○ 8GB Memory ○ Screen resolution: 1920 x 1080

2.2. Resources and Responsibilities リソースと責任

This table shows the staffing assumptions for the project.

ID	Role	Specific Responsibilities/Comments	Location
1	Test Leader	<ul style="list-style-type: none"> - Manage Test resource and assign test tasks - Create Test Plan - Review Test case - Create Test report 	FPTU, Vietnam

2	Tester	<ul style="list-style-type: none"> - Create TC for modules - Execute test - Report test result 	FPTU, Vietnam
3	Developer	<ul style="list-style-type: none"> - Create and perform Unit Tests - Fix bugs 	FPTU, Vietnam

2.3. Test Strategy テスト戦略

2.3.1. Test Model テストモデル

In SEC project, we follow the Waterfall model for testing with purposes:

- Proactive defect tracking – that is defects are found at early stage
- Project cover all of requirement in SRS document
- Avoids the downward flow of the defects.

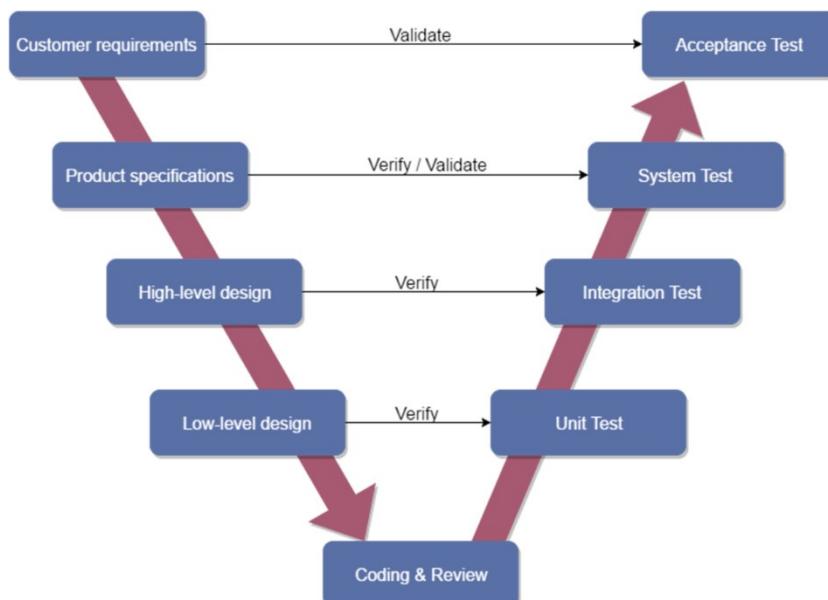


Table 36. V model

2.3.2. Test Type テストタイプ

2.3.2.1. Functional testing 機能テスト

Functional testing is a formal type of testing performed by testers. Functional testing focuses on testing software against design document, Use cases, and requirements document.

Test Objective:	Checking the functionalities of the software system. It mainly concentrates on: <ul style="list-style-type: none"> - Mainline functions - Basic Usability - Accessibility - Error conditions
------------------------	--

Technique:	Execute each use case, use-case flow, or function, using valid and invalid data which is identified by understanding the Software Engineering Requirements, to verify the following: <ul style="list-style-type: none"> - The expected results occur when valid data is used. - The appropriate error or warning messages are displayed when invalid data is used. - Each business rule is properly applied.
Completion Criteria:	<ul style="list-style-type: none"> - All planned tests have been executed. - All identified defects have been resolved and closed
Special Considerations:	N/A

2.3.2.2. User interface testing ユーザーインターフェーステスト

User interface testing, a testing technique used to identify the presence of defects is a product/software under test by using Graphical user interface [GUI].

Test Objective:	Verify the following: <ul style="list-style-type: none"> - Navigation through the target-of-test properly reflects business functions and requirements, including window-to-window, field-to-field, and use of access methods (tab keys, mouse movements, accelerator keys). - Window objects and characteristics, such as menus, size, position, state, and focus conform to standards.
Technique:	Create or modify tests for each window to verify proper navigation and object states for each application window and objects. <ul style="list-style-type: none"> - Manual Based - Based on the domain and application knowledge of the tester. - Capture and Replay - Based on capture and replay of user actions. - Model-based testing - Based on the execution of user sessions based on a GUI model. Various GUI models are briefly discussed below.
Completion Criteria:	Each window successfully verified to remain consistent with benchmark version or within acceptable standard <ul style="list-style-type: none"> - Check Screen Validations - Verify All Navigations - Check usability Conditions - Verify Data Integrity - Verify the object states - Verify the date Field and Numeric Field Formats
Special Considerations:	Not all properties for custom and third party objects can be accessed.

Table 37. User interface testing

2.3.3. Stages of testing テストの段階

Type of Tests	Stage of Test			
	Unit	Integration	System	Acceptance
Functional Test	X	X	X	X
User Interface test		X	X	X

Table 38. Stages of testing

2.3.4. Test process テスト工程

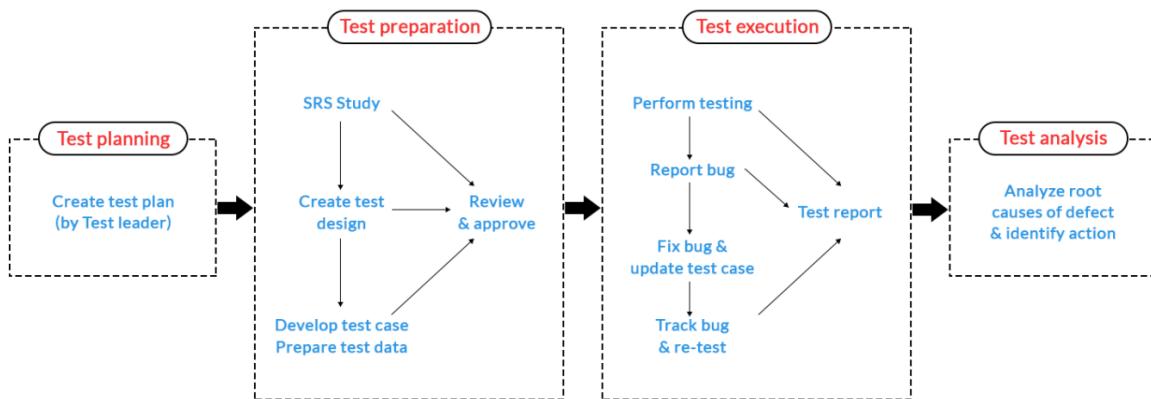


Figure 82. Test process

2.3.5. Test schedule テストスケジュール

Table below are the Schedule for testing of SEC Project. That consist of two iterations:

Test schedule	Start date	End date
Unit testing	03/15/2019	04/11/2019
Intergration testing	02/25/2019	04/10/2019
System testing	02/21/2019	04/11/2019
Acceptance testing	04/11/2019	04/18/2019

Table 39. Schedule for testing of SEC project

2.3.6. Deliverables 成果物

Table below are the Deliverables for SEC Project:

Deliverables	Responsibilities	Completion date
Test plan	Test leader	01/13/2019
Test case	Testers	02/25/2019
Test case review	Test leader	02/26/2019
Final test report	Test leader	04/20/2019

Table 40. Deliverables for SEC Project

2.4. *Features to be Tested* テストする機能

All features which are described in the list of use cases in the Software Requirement Specification are to be tested.

3. Test Approach テストアプローチ

3.1. *Unit testing with MSTest* MSTest による単体テスト

Unit testing is done by developers. SEC develop team embraces this feature to gain the following advantages:

- Reducing the level of bugs in production code.
- Saving development time.
- Automation tests can be run as frequently as required.
- Making it easier to change and refactor code by improving the design of code, especially with Test-driven development.
- It can easily form a document from the tests.
- It is easier to maintain than Front-end tests which are difficult to maintain with the short release cycles and frequent changes and with a complex system.
- Reducing cost of resource to corresponding Front-end testing.

3.2. *Integration and System Test* 統合とシステムテスト

Detail test cases are described in SEC_Test_Case_Final folder. As a standard definition, SEC defines that a test case is:

- A set of test data and their expected results. A test case validates one or more system requirements and generates a pass or fail.
- A good test case should follow two basic aspects, the Contents and the Style. Test cases for functional testing are derived from the target of test's use cases. Test cases should be developed for each use case scenario. The use case scenarios are identified by describing the paths through the use case that traverse the basic flow and alternate flows start to finish through the use case.

3.3. *Acceptance Test* 受け入れテスト

Acceptance testing is a level of the software testing process where a system is tested for acceptability. The purpose of this test is to evaluate the system's compliance with the business requirements and assess whether it is acceptable for delivery. But our project will use the checklist as a substitute for acceptance testing.

The content of the checklist is shown in the table below:

ID	Checklists	Yes	No
----	------------	-----	----

General			
CL-001	Text on all pages for spelling and grammatical errors.	√	
CL-002	Functionality of buttons available on all pages.	√	
CL-003	All mandatory fields are validated.	√	
CL-004	Validation error messages are displayed properly below the field.	√	
CL-005	All error messages are displayed in red color.	√	
CL-006	All inactive items are gray out	√	
CL-007	Delete functionality for any record on page are asked for confirmation.	√	
CL-008	All numeric values are formatted properly.	√	
CL-009	Application crash or unavailable pages are redirected to error page.	√	
GUI and Usability			
CL-010	The screen well organized and easy to use.	√	
CL-011	All fields on page (e.g. text box, radio options, dropdown lists) should be aligned properly.	√	
CL-012	Information is arranged symmetrically with adequate spacing between components.	√	
CL-013	The most important fields are located where they are easy to see.	√	
CL-014	Information is presented in the order that the user needs it.	√	
CL-015	The screen designed to fit the requirements for international use.	√	
CL-016	The text easy to translate. Do not use slang, acronyms, and abbreviations.	√	
CL-017	Font size, style and color for headline, description test, labels, infield data, and grid information standard as specified in SRS.	√	
CL-018	The static text is clear, concise, and meaningful.	√	
CL-019	A tree view is used to allow a collection of items to be displayed and manipulated within varying hierarchical levels.	√	
CL-020	System display notification message when meet trouble, error.	√	
Database			
CL-021	Correct data is getting saved in database upon successful page submit.	√	
CL-022	Values columns are not accepting null values.	√	
CL-023	Data should be stored in single or multiple tables based on design.	√	
CL-024	Input data is not truncated. Field length shown to user on page and in database schema should be same.	√	
CL-025	Input numeric fields with minimum, maximum, and float values.	√	
CL-026	Input numeric fields with negative values (for both acceptance and non-acceptance).	√	
CL-027	Database fields are designed with correct data type and data length.	√	
CL-028	Input field leading and trailing spaces are truncated before committing data to database.	√	
Security			
CL-029	Test cookie allowed (disabled or allowed to be edited)	√	
CL-030	Check application logout functionality.	√	

Table 41. Checklist of acceptance test table

3.4. Defect log 不良ログ

Excel is used to manage bugs of SEC project. Processes:

- During the testing process, when a bug is found, testers access trello.com to log it with “Bug” label (gray color). The bug must be described as detailed as possible with screenshots. The issue is then assigned to a developer, who is in charge of developing that module.
- Assigned developer checks out the issue in trello.com, move that card to “In Progress” List and fixes it . Once the bug is resolved, the assigned developer drag that card to “Fixed” List
- Tester then verifies if the bug in “Fixed” List. If the bug is fixed, drag that card to “Done” List . If the bug is not fixed, tester move card to “Open” List and assign it to developer again.

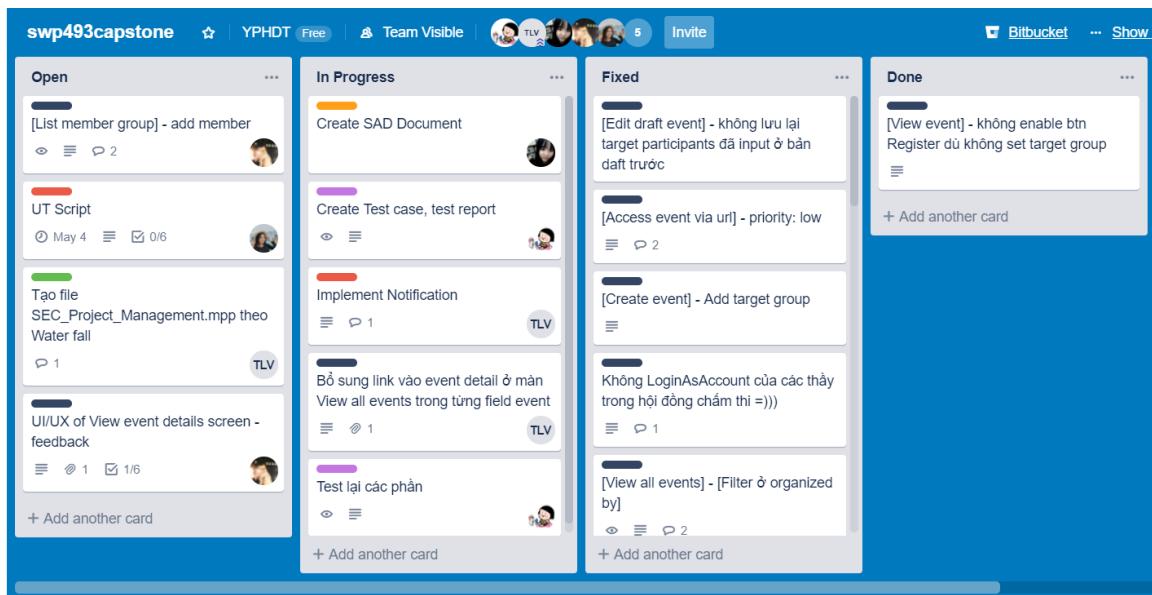


Figure 83. Defect log management tool.

4. Test Report テストレポート

4.1. Unit test report 単体テストレポート

```

namespace capstone.Controllers.Tests {
    [TestClass]
    0 references | Dinh Lan Huong, 10 hours ago | 2 authors, 7 changes
    public class OrganizerControllerTests {
        [TestMethod()]
        ✓ | 0 references | Dinh Lan Huong, 10 hours ago | 1 author, 1 change
        public void CheckinEventTest()
        {
            HttpContext.Current.Session["User"] = "duyennh@gmail.com";
            // mock
            var mocks = new MockRepository(MockBehavior.Default);
            Mock<IPrincipal> mockPrincipal = mocks.Create<IPrincipal>();
            mockPrincipal.SetupGet(p => p.Identity.Name).Returns("duyennh@gmail.com");
            mockPrincipal.Setup(p => p.IsInRole("User")).Returns(true);

            var mockContext = new Mock<ControllerContext>();
            mockContext.SetupGet(p => p.HttpContext.User).Returns(mockPrincipal.Object);
            mockContext.SetupGet(p => p.HttpContext.Request.IsAuthenticated).Returns(true);

            //data
            TestCapstoneContext db = new TestCapstoneContext();
            //action
            OrganizerController controller = new OrganizerController(db);
            controller.ControllerContext = mockContext.Object;
            ViewResult result = (ViewResult)controller.CheckinEvent(123, 1);
            //assert
            Assert.AreEqual("Error", result.ViewName);
        }
    }
}

```

Figure: Unit test case sample CheckinEventTest()

The contents of the Unit Test Report are shown in the table below:

Test case	Pass	Fail
Unit test – Admin Controller	15	0
Unit test – Error Controller	2	0
Unit test – Home Controller	55	0
Unit test – Manager Controller	39	0
Unit test – Organizer Controller	39	0
Unit test – Student Controller	31	0
Total all test case	181	0

Table 42. Unit test report

For each of the tested units, controllers are tested and code coverage is 50.76%.

▲	✓ capstone.test (181)	6 sec
▲	✓ capstone.Controllers.Tests (181)	6 sec
▷	✓ AdminControllerTests (15)	1 sec
▷	✓ ErrorControllerTests (2)	1 ms
▷	✓ HomeControllerTests (55)	806 ms
▷	✓ ManagerControllerTests (39)	1 sec
▷	✓ OrganizerControllerTests (39)	1 sec
▷	✓ StudentControllerTests (31)	64 ms

Figure 84. Unit test with MSTest

▼	capstone.dll	7443	54.19%	6292	45.81%
▲	{ } capstone.Controllers	5741	49.24%	5919	50.76%
▷	AdminController.<>c	0	0.00%	2	100.00%
▷	ErrorController	0	0.00%	6	100.00%
▷	HomeController.<>c_Di...	0	0.00%	9	100.00%
▷	HomeController.<>c_Di...	0	0.00%	20	100.00%
▷	HomeController.<>c_Di...	0	0.00%	8	100.00%
▷	ManagerController.<>c...	0	0.00%	3	100.00%
▷	ManagerController.<>c...	0	0.00%	4	100.00%
▷	ManagerController.<>c...	0	0.00%	5	100.00%
▷	ManagerController.<>c...	0	0.00%	5	100.00%
▷	ManagerController.<>c...	0	0.00%	5	100.00%
▷	ManagerController.<>c...	0	0.00%	5	100.00%
▷	ManagerController.<>c...	0	0.00%	5	100.00%
▷	ManagerController.<>c...	0	0.00%	5	100.00%
▷	ManagerController.<>c...	0	0.00%	5	100.00%
▷	ManagerController.<>c...	0	0.00%	5	100.00%
▷	ManagerController.<>c...	0	0.00%	5	100.00%
▷	OrganizerController.<>c...	0	0.00%	4	100.00%
▷	OrganizerController.<>c...	0	0.00%	5	100.00%
▷	OrganizerController.<>c...	0	0.00%	5	100.00%
▷	OrganizerController.<>c...	0	0.00%	5	100.00%
▷	OrganizerController.<>c...	0	0.00%	4	100.00%
▷	OrganizerController.<>c...	0	0.00%	5	100.00%

Figure 85. Coverage result of unit test for controller (1)

▷ OrganizerController.<>c...	0	0.00%	5	100.00%
▷ OrganizerController.<>c...	0	0.00%	5	100.00%
▷ OrganizerController.<>c...	2	4.76%	40	95.24%
▷ OrganizerController.<>c...	2	4.76%	40	95.24%
▷ HomeController.<>c_Di...	12	26.09%	34	73.91%
▷ ManagerController	531	29.03%	1298	70.97%
▷ HomeController	786	30.75%	1770	69.25%
▷ HomeController.<>c	28	47.46%	31	52.54%
▷ AdminController	187	47.58%	206	52.42%
▷ OrganizerController	2281	54.66%	1892	45.34%
▷ ManagerController.<>c	69	55.65%	55	44.35%
▷ OrganizerController.<>Ex...	59	55.66%	47	44.34%
▷ OrganizerController.<>c...	35	60.34%	23	39.66%
▷ OrganizerController.<>c	64	60.38%	42	39.62%
▷ AdminController.<>c_D...	36	66.67%	18	33.33%
▷ ManagerController.<>c...	23	67.65%	11	32.35%
▷ ManagerController.<>Exp...	59	78.67%	16	21.33%
▷ StudentController	1090	81.83%	242	18.17%
▷ HomeController.<>c_Di...	84	89.36%	10	10.64%

Figure 86. Coverage result of unit test for controller (2)

4.2. *Integration System test case report* 統合システムテストケースレポート

ト

The contents of the System Test Case Report are shown in the table below:

Module	Name	Pass	Fail	Number of test case
Authentication	Login by fpt.edu.vn mail	5	0	5
	Logout	2	0	2
	View public event	21	0	34
	Feedback by Facebook account	13	0	13
	Edit own feedback	10	0	10
	Delete own feedback	4	0	4
	Total	55	0	55
View Home page	View Student Homepage	25	0	25
	View Organizer Homepage	23	0	23
	View Manager Homepage	27	0	27
	View Administrator Homepage	20	0	20
	Total	95	0	95
	View Profile	17	0	17

Manage your account	Update profile	9	0	9
	Change avatar	2	0	2
	Total	28	0	28
View event	View registered events	21	0	21
	Search registered event	12	0	12
	View own calendar	43	0	43
	View event calendar	42	0	42
	Search event	2	0	2
	Filter event	4	0	4
	Search suggestion	7	0	7
	View all events	66	0	66
	View event	21	0	21
	View list feedback	7	0	7
	Feedback event	8	0	8
	Delete own feedback	4	0	4
	Edit own feedback	10	0	10
	Bookmark event	1	0	1
Manage your event	Share event	3	0	3
	Register to even	2	0	2
	Report event	4	0	4
	Total	257	0	257
	Create event	134	0	134
	Create form	1	0	1
	Edit form	2	0	2
	Clear form	2	0	2
	Save draft	134	0	134
	View list drafts	12	0	12
	Edit draft	134	0	134
	Delete draft	3	0	3
	View your list pending	11	0	11

	Cancel event	3	0	3
	Move to draft	1	0	1
	View your events	14	0	14
	View statistic	21	0	21
	Export statistic	10	0	10
	View event form statistics	2	0	2
	Check-in event	4	0	4
	View registered students	2	0	2
	View checked-in students	2	0	2
	Total	492	0	492
Manage category	Create category	13	0	13
	View list category	13	0	13
	Edit category	14	0	14
	Delete category	2	0	2
	Search category	3	0	3
	Sort category	7	0	7
	Total	52	0	52
Manage event	Make event featured	25	0	25
	Manage list pending events	14	0	14
	Search pending event	3	0	3
	Accept event	3	0	3
	Reject event	3	0	3
	View event report	17	0	17
	Sort report	12	0	12
	Search report	2	0	2
	Block event	3	0	3
	Dismiss event	3	0	3
	Total	85	0	85
Manage statistic	View statistic	20	0	20
	Export statistic	9	0	9

	Total	29	0	29
Manage account	View list account	9	0	9
	View detail account	3	0	3
	Edit account role	2	0	2
	Search account	2	0	2
	Filter account	7	0	7
	Create account	11	0	11
	Total	38	0	38
Manage group	View list group	21	0	21
	Search group	3	0	3
	Sort group	19	0	19
	View group information	42	0	42
	View group member	14	0	14
	Search member	3	0	3
	Sort member	13	0	13
	Add member to group	8	0	8
	Remove member	3	0	3
	Edit information of group	16	0	16
	Create group	28	0	28
	Change leader	34	0	34
	Delete group	3	0	3
	Total	207	0	207
Manage notifications	Show notifications	6	0	6
	Notify user	17	0	17
	Dismiss	1	0	1
	Total	24	0	24
Total of test cases:		1362	0	1362

Table 43. SEC system test case report

Module Code		Login											
Test Requirement			Fail	0	Untested	0	Number of test case		5	High	Medium	Low	
No.	Item name	Test case description	Steps	Pre-condition	TestData	Expected Results	Actual Results	Result	Priority	Not	Img	Date	Tester
1	Screen Design	Check Screen design of Login page	1. Login successfully 2. Go to https://sec-fpt-edu.m/ 3. Check screen design of SEC page			3. Home screen display as described in SRS Layout, button, image, text, color are displayed correctly, no items are broken or blurry		Pass	High			19/04/2019	YenLT
2	Login	Check display initial of button Login	1. Login successfully 2. Go to https://sec-fpt-edu.m/ 3. Check display initial of button Login			3. Display as defined in SRS: - icon G - text color: white - background color: red		Pass	High			19/04/2019	YenLT
3	Login	Check operation of button Login	1. Login successfully 2. Go to https://sec-fpt-edu.m/ 3. Click button Login			3. Redirect to form login of google		Pass	High			19/04/2019	YenLT
4	Login	Check operation of button Login	1. Login successfully 2. Go to https://sec-fpt-edu.m/ 3. Click button Login 4. Select none fpt.edu email format			3. Redirect to home page of SEC https://sec-fpt-edu.m/Authentification/Login#		Pass	High			19/04/2019	YenLT
5	Login	Check operation of button Login	1. Login successfully 2. Go to https://sec-fpt-edu.m/ 3. Click button Login 4. Login by fpt.edu mail format			4. Redirect to home page of SEC with role Student		Pass	High			19/04/2019	YenLT

Figure 87. Sample Login module test case

For more details about all test suites, please look at folder “SEC_TestCase_Final”.

Chapter 6: User manual

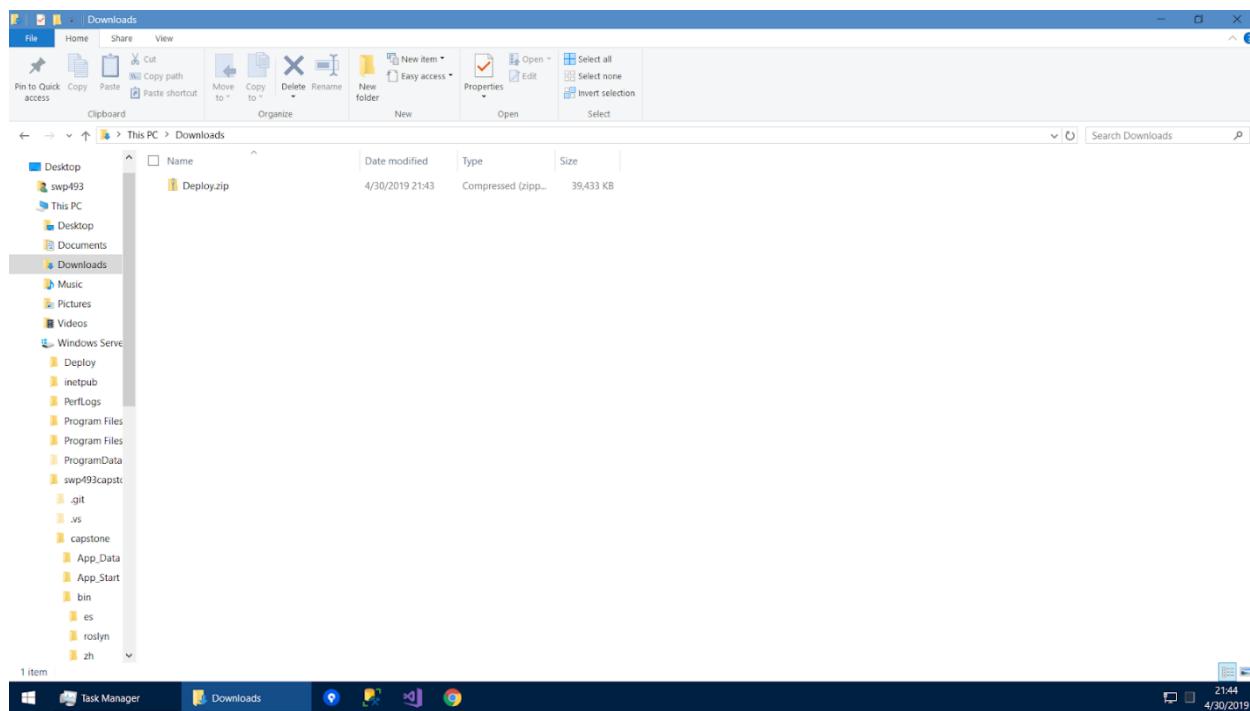
1. Deployment guildline 配置ガイドライン

1.1. Environment for Deployment 配置環境

- SQL Server 2012 and up
- Windows 10 or Windows Server 2016 with IIS 10 and up

1.2. Setup Deployment 配置セットアップ

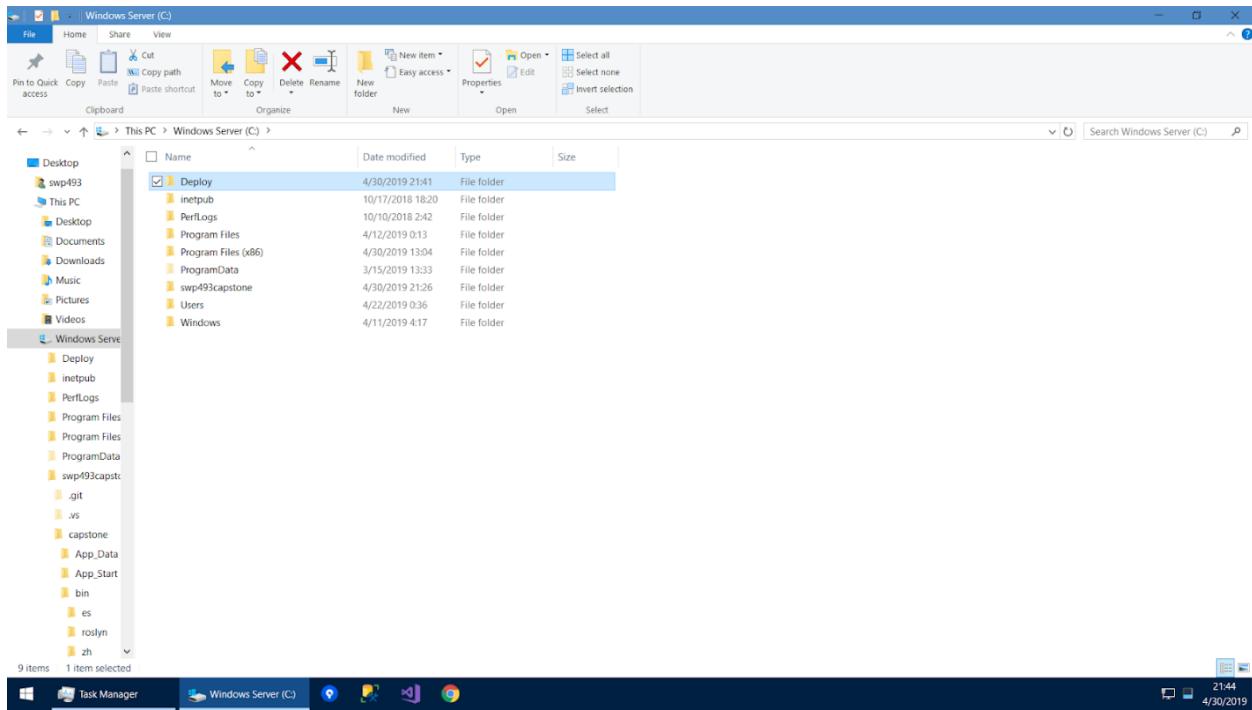
Download the "Deploy.zip" file in provided url. 提供された URL に「Deploy.zip」ファイルをダウンロードします。



Unzip "Deploy.zip" file into desired destination folder.

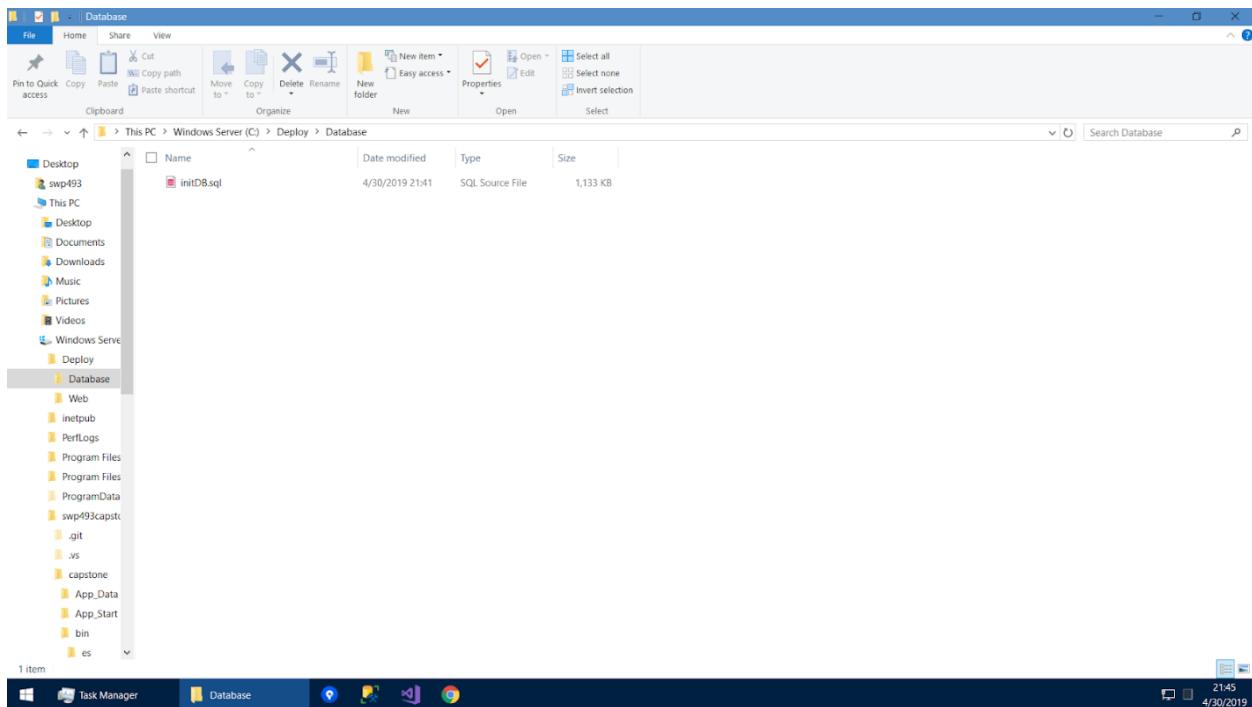
解凍先を指定して、「Deploy.zip」ファイルを解凍します。

Ex: "C:\Deploy"



Open "initDB.sql" file in "<Extract destination>\Database\" folder by SQL Server Management Studio.

「SQL Server Management Studio」で「<解凍先>\Database\」フォルダの「initDB.sql」ファイルを開きます。



Execute "initDB.sql" file to generate SEC database.
SEC データベースを生成します。

「`initDB.sql`」 ファイルを実行して、

The screenshot shows the Microsoft SQL Server Management Studio interface. The title bar reads "initDB.sql - SWP493CAPSTONE\SWP493_CAPSTONE.SWP493 (S3) - Microsoft SQL Server Management Studio (Administrator)". The Object Explorer sidebar shows the database structure under "SWP493CAPSTONE\SWP493_CAPSTONE". The main pane displays the T-SQL script for creating a "Bookmark" table:

```
USE [SWP493_CAPSTONE]
GO
/*===== Object: Table [dbo].[Bookmark] Script Date: 4/30/2019 21:37:56 =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Bookmark]
(
    [UserId] [int] NOT NULL,
    [EventId] [int] NOT NULL,
    [CreatedDate] [datetime] NOT NULL,
    PRIMARY KEY CLUSTERED
    (
        [UserId] ASC,
        [EventId] ASC
    ) WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]
GO
```

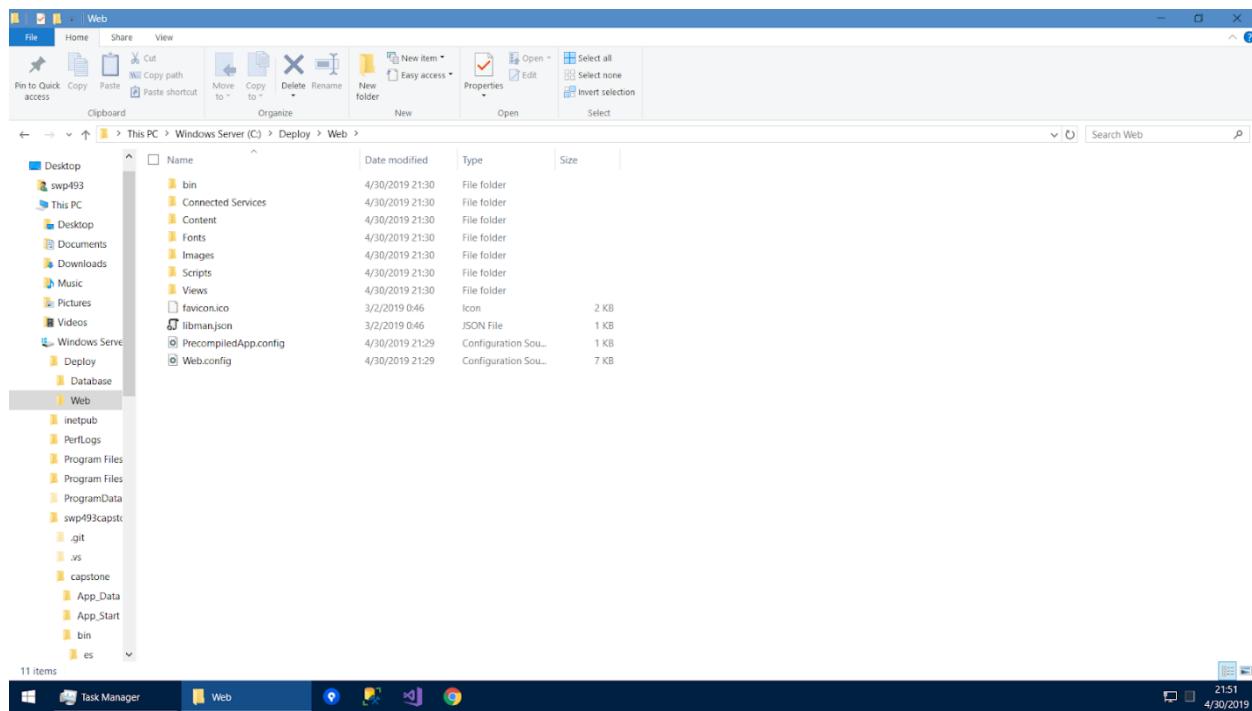
The execution results window shows the following output:

```
100 % Messages
(1 row affected)
```

The status bar at the bottom indicates "Query executed successfully." and shows the path "SWP493CAPSTONE\SWP493_CAPSTONE\SWP493...".

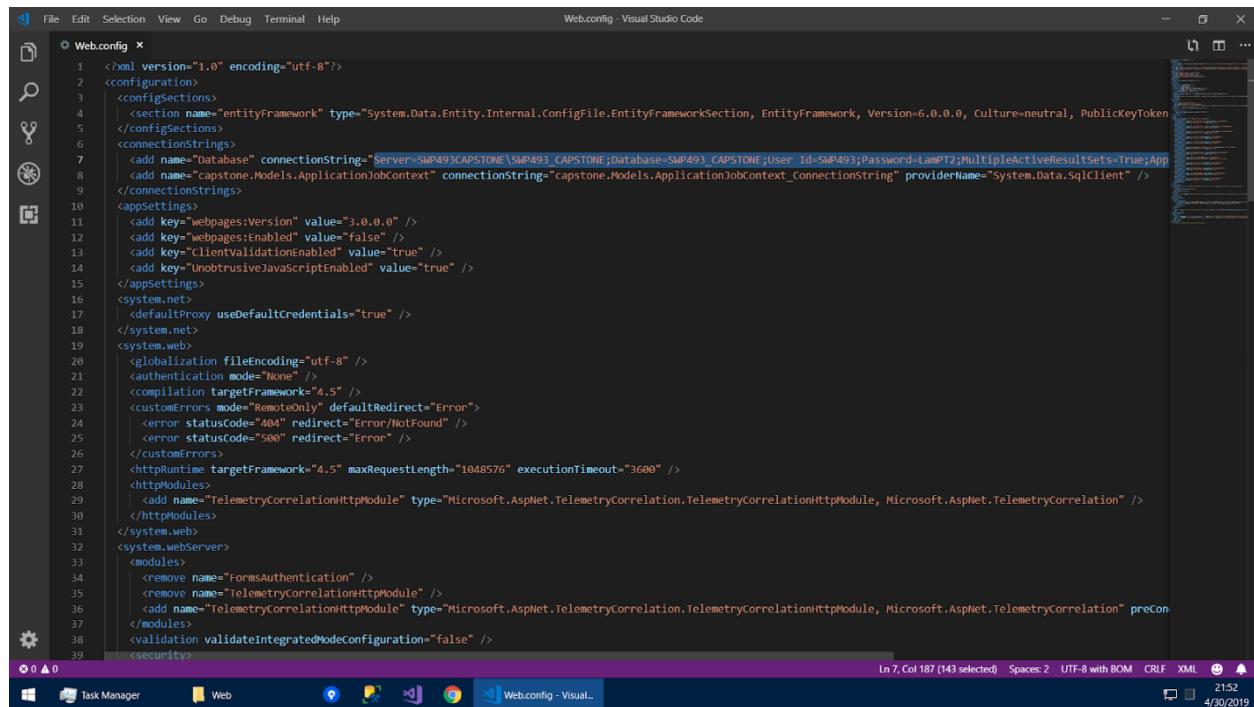
Open "Web.config" file in "<Extract destination>\Web\" folder to config web server with generated database.

「<Extract destination> \ Web \」 フォルダの「Web.config」ファイルを開き、生成されたデータベースで Web サーバーを構成します。



In "Web.config" file, edit "ConnectionString" with corresponding database.
 「Web.config」ファイルの「ConnectionString」を対応するデータベースで更新します。

「Web.config」ファイル

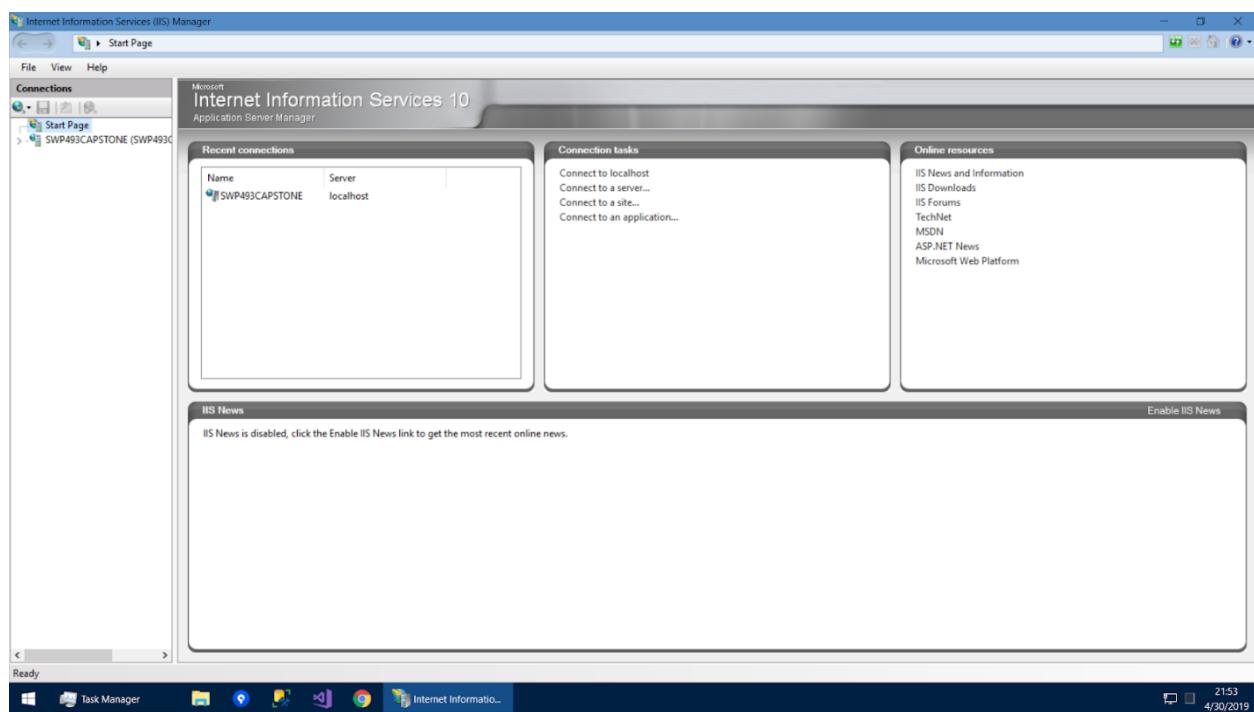


```

<?xml version="1.0" encoding="utf-8"?>
<configuration>
  <configSections>
    <section name="entityFramework" type="System.Data.Entity.Internal.ConfigFile.EntityFrameworkSection, EntityFramework, Version=6.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089" />
  </configSections>
  <connectionStrings>
    <add name="Database" connectionString="Server=SWP493CAPSTONE\SWP493_CAPSTONE;Database=SWP493_CAPSTONE;User Id=SwP493;Password=LamPi2;MultipleActiveResultSets=True;App=capstone.Models.ApplicationJobContext" providerName="System.Data.SqlClient" />
  </connectionStrings>
  <appSettings>
    <add key="webpages:Version" value="3.0.0.0" />
    <add key="webpages:Enabled" value="false" />
    <add key="ClientValidationEnabled" value="true" />
    <add key="UnobtrusiveJavaScriptEnabled" value="true" />
  </appSettings>
  <system.net>
    <defaultProxy useDefaultCredentials="true" />
  </system.net>
  <system.web>
    <globalization fileEncoding="utf-8" />
    <authentication mode="None" />
    <compilation targetFramework="4.5" />
    <customErrors mode="RemoteOnly" defaultRedirect="Error" />
    <error statusCode="404" redirect="Error/NotFound" />
    <error statusCode="500" redirect="Error" />
  </customErrors>
  <httpRuntime targetFramework="4.5" maxRequestLength="1048576" executionTimeout="3600" />
  <httpModules>
    <add name="TelemetryCorrelationHttpModule" type="Microsoft.AspNet.TelemetryCorrelation.TelemetryCorrelationHttpModule, Microsoft.AspNet.TelemetryCorrelation" />
  </httpModules>
  </system.web>
  <system.webServer>
    <modules>
      <remove name="FormsAuthentication" />
      <remove name="TelemetryCorrelationHttpModule" />
      <add name="TelemetryCorrelationHttpModule" type="Microsoft.AspNet.TelemetryCorrelation.TelemetryCorrelationHttpModule, Microsoft.AspNet.TelemetryCorrelation" preCondition="managedHandler" />
    </modules>
  </system.webServer>
  <validation validateIntegratedModeConfiguration="false" />
</security>

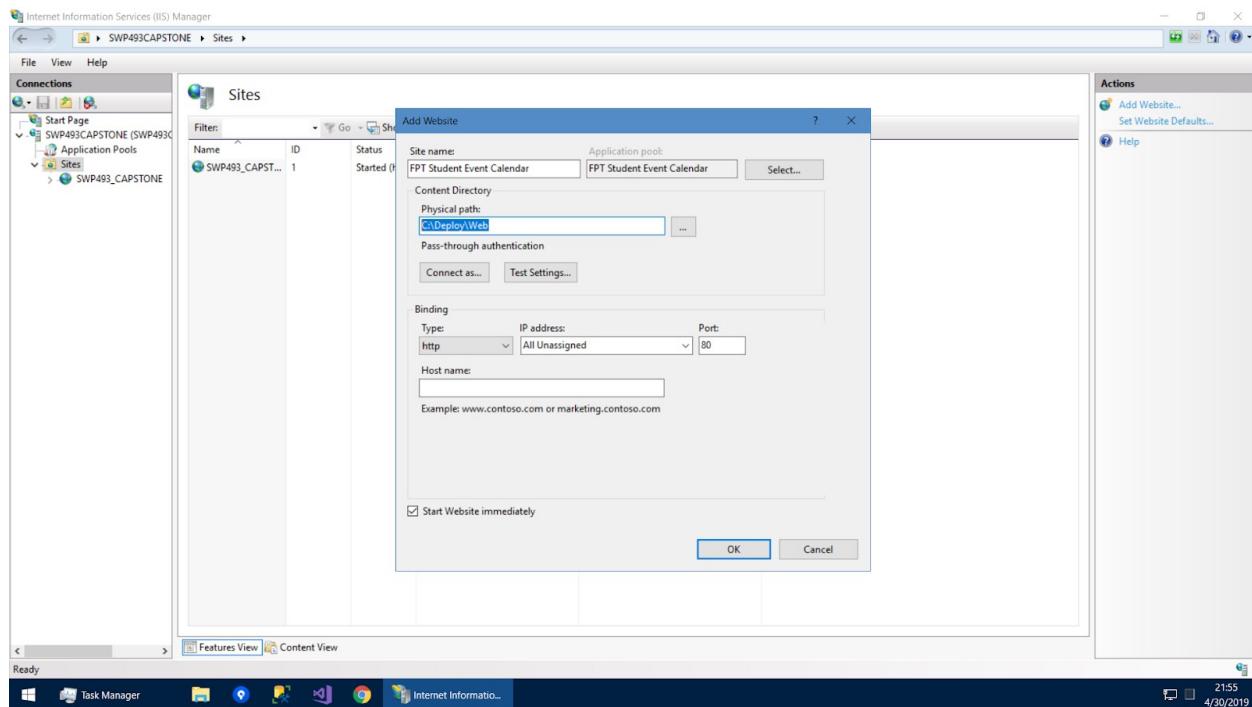
```

Open "IIS Manager"
 「IIS Manager」を開きます。

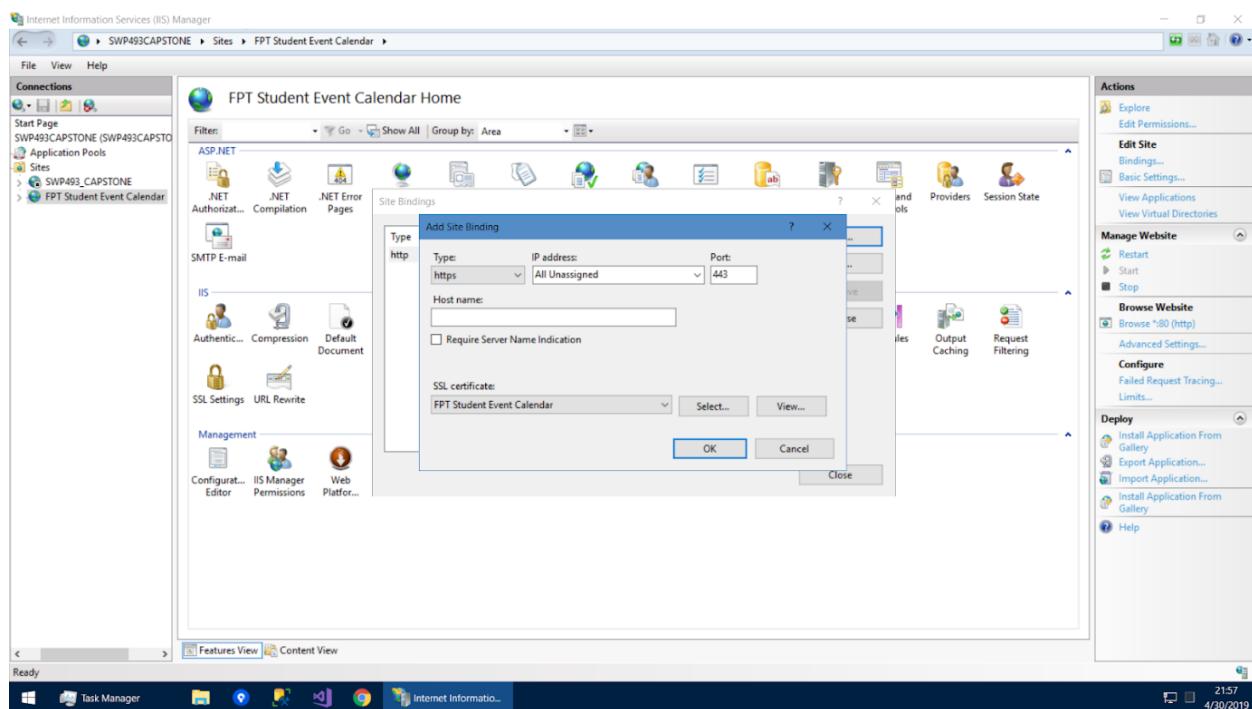


Create a new web site with "Site name" (Ex: FPT Student Event Calendar) and "Physical Path" point to "<Extract destination> \ Web \".

「Site name」（例：FPT Student Event Calendar）および「Physical Path」で「<抽出先>\ Web\」をポイントして、新しい Web サイトを作成します。



Add “SSL Certificate” if website using HTTPS protocol. Web サイトが HTTPS プロトコルを使用している場合、「SSL Certificate」を追加します。



Test the link to the server on Web browser.

ウェブブラウザでサーバーへのリンクをテストします。

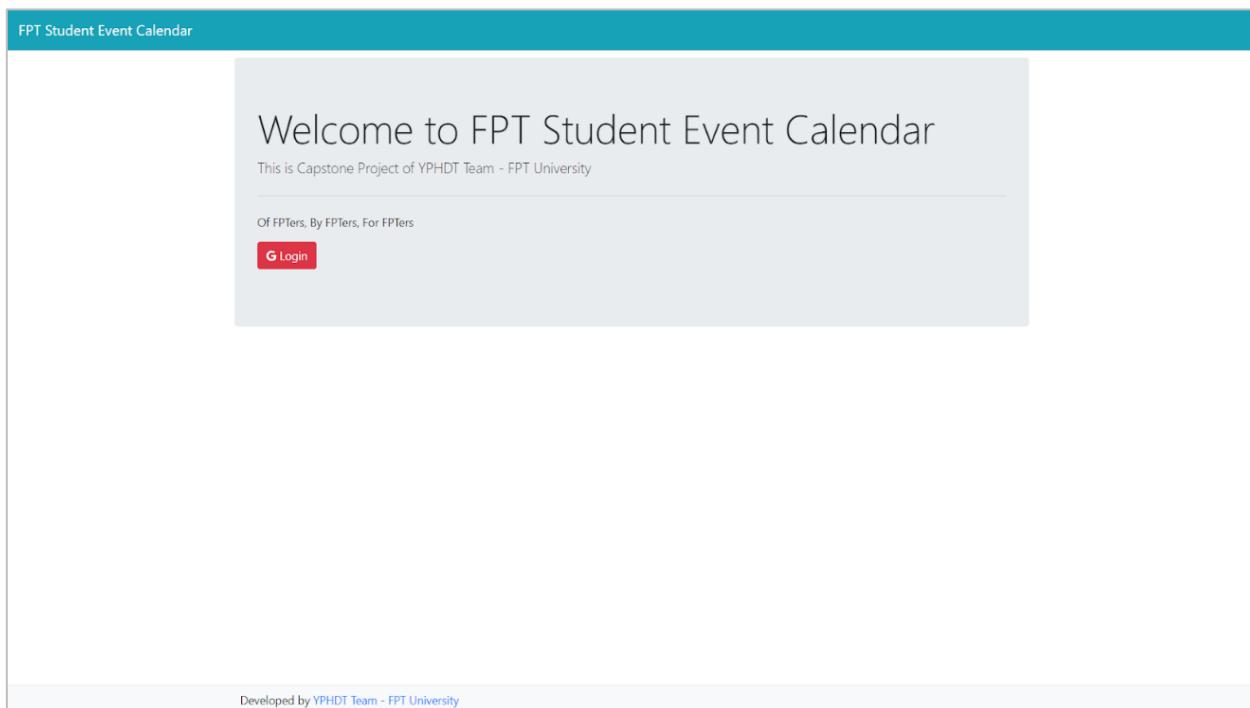
2. User Guideline ユーザガイド

2.1. Guest Actor ゲストアクター

2.1.1. Login ログイン

1. From the homepage, users click the "Login" button.

ホームページのインターフェースから、「Login」ボタンをクリックします。



2. Choose your FPT Education's account to login.

FPT Education のアカウントを選択します。

 Đăng nhập bằng Google

Chọn tài khoản

để tiếp tục tới sec-fpt-edu.ml

 huongdlse05123@fpt.edu.vn

 Lan Hương Đinh
dinhlanhuong172@gmail.com

 Nguyen Minh Phuong - K11 FUG HN
phuongnmse05113@fpt.edu.vn

 Lan Hương Đinh
inbeohong@gmail.com

 Sử dụng một tài khoản khác

Để tiếp tục, Google sẽ chia sẻ tên, địa chỉ email và ảnh hồ sơ của bạn với sec-fpt-edu.ml. Trước khi sử dụng ứng dụng này, bạn có thể xem lại [chính sách quyền riêng tư](#) và điều khoản dịch vụ của sec-fpt-edu.ml.

[Tiếng Việt ▾](#)[Trợ giúp](#)[Bảo mật](#)[Điều khoản](#)

2.1.2. Logout ログアウト

At the top right of screen, click [Logout] button.

右上隅にある[Logout]ボタンをクリックします。

The screenshot shows the FPT Student Event Calendar interface. At the top, there's a header with 'FPT Student Event Calendar', 'Home', 'Role: Student', 'Notifications' (with a count of 5), 'Huong', and 'Logout'. Below the header, a banner for 'FPT EDU NihongoEng 2019' is displayed, along with three columns for 'View events', 'Manage your account', and 'View groups'. At the bottom of the page, it says 'Developed by YPHDT Team - FPT University'.

2.1.3. View Public Event 公開イベント閲覧

Click a shared link of public event (can be viewed without login), detail of event will be shown.

公開したリンクをクリックします（ロギングなしでも使用できます）。

The screenshot shows a detailed view of a public event. The event title is '[HÀNH TRÌNH THỦ LĨNH] Outsmart Outlast Survival Camp 2019'. The main image features the event logo with a campsite scene. Below the image, it says 'Fee: 150.000 vnd' and 'Time: 20/04 - 21/04'. There are also icons for location, status (Happening), rating (4.5 stars), and social sharing. A sidebar on the right shows 'You may also like' with another event titled 'STUDY TOUR KOREA'.

2.1.4. Feedback by Facebook account フェイスブックアカウントでフィードバック

Click [Log in with Facebook] to send your feedback with Facebook account.

フェイスブックアカウントでフィードバックを送信するには、「Log in with Facebook」ボタンをおします。

The screenshot shows a web page titled "FPT Student Event Calendar". At the top right, it displays "Trung Duyên", "- FCC - FPTU Chess Club -", and the date "On 4/21/2019 1:00:56 PM". Below this, under the heading "Feedback", there is a sub-section "Your feedback" with the instruction "Please login before leaving feedback." Two login buttons are present: "Log in With Facebook" (blue button) and "G Login" (red button). A section titled "See what others think" lists five feedback posts from users Trung Duyên, Dinh Lan Huong, Phuong Nguyen, and Nguyen Hung Tien, each with their profile picture, rating, and timestamp. The posts contain various comments such as "Hay quá, cho 10 điểm Minh còn được giải 1 cơ mà =))", "Testing feedback! Buổi học rất bổ ích ^^^", and "Test nè". At the bottom of the page, a footer note says "Developed by YPHDT Team - FPT University".

Click [Send your feedback] button.

「Send your feedback」ボタンをクリックします。

The screenshot shows the FPT Student Event Calendar interface. At the top, there are links for 'Login' (with a user icon), 'Đinh Lan Hương' (with a user icon), and 'Logout'. The main content area displays information about an event organized by 'Trung Duyên' from the 'FCC - FPTU Chess Club' on April 21, 2019, at 1:00:56 PM. The event category is 'Competition'. Below this, there's a 'Feedback' section with a 'Your feedback' input field containing placeholder text: 'You haven't written anything yet, want to make some?'. A blue button labeled 'Send your feedback' is next to it. A 'See what others think' section follows, showing three reviews:

- Trung Duyên** (5★) Apr 22, 2019: 'Hay quá, cho 10 điểm! Minh còn được giải 1 cờ mà =))'
- Phương Nguyễn** (4.5★) Apr 12, 2019: 'Test nè'
- Nguyễn Hùng Tiến** (0.5★) Apr 12, 2019: 'aaa'

At the bottom of the page, a note says 'Developed by YPHDT Team - FPT University'.

Write your feedback and rating for this event then click [Save Changes].

フィードバックとレーティングを入力して、「Save Changes」ボタンをクリックします。

This screenshot shows the same calendar interface as above, but with a modal window open over it. The modal is titled 'Feedback of Đinh Lan Hương' and contains a text area with the placeholder 'Testing feedback! Buổi học rất bổ ích ^__^' and a 5-star rating below it. There are 'Close' and 'Save changes' buttons at the bottom right of the modal. The background of the calendar shows the same event details and feedback section as the first screenshot.

You can edit or delete feedback by clicking [Update], [Delete] button.

編集／削除するには、「Update」、「Delete」ボタンをクリックします。

Feedback

Your feedback



Đinh Lan Hương

5★ Apr 16, 2019

[Update](#)[Delete](#)

Testing feedback!

Buổi học rất bổ ích ^^^

See what others think



Phương Nguyễn

4.5★ Apr 12, 2019

Test nè



Nguyễn Hùng Tiến

0.5★ Apr 12, 2019

aaa

2.2. *Student Actor* 学生アクリター

2.2.1. View Student Homepage 学生のホームページ閲覧

1. Login as student

学生としてログインします。

2. After login, you are immediately brought to Student Homepage. Or you can back to Homepage by click [Home] button or [FPT Student Event Calendar] logo at the top left of screen.

ログイン後に自動的に表示させる学生のホームページにアクセスします。または、ホームページに戻るには、「Home」ボタンまたは「FPT Student Event Calendar」というロゴをクリックしてください。

The screenshot shows the FPT Student Event Calendar interface. At the top, there's a header with 'FPT Student Event Calendar', 'Home', 'Role: Student', 'Notifications', 'Huong', and 'Logout'. Below the header, a large banner for 'Outsmart Outlast SURVIVAL CAMP' is displayed. Underneath the banner, there are three main navigation boxes:

- View events** (left):
 - View university event calendar
 - View your event calendar
 - View all events
 - View registered events
- Manage your account** (middle):
 - Manage your profile
 - View your activity Under Construction
- View groups** (right):
 - View all groups

At the bottom of the page, it says 'Developed by YPHDT Team - FPT University'.

2.2.2. Manage your profile プロファイル管理

1. Login as student

学生としてログインします。

2. In homepage, click [Manage your profile] button.

ホームページで、「Manage your profile」ボタンをクリックします。

The screenshot shows the 'Manage your account' section of the FPT Student Event Calendar. It includes a 'Manage your profile' button and other account management options:

- View events** (left):
 - View university event calendar
 - View your event calendar
 - View all events
 - View registered events
- Manage your account** (middle):
 - Manage your profile
- View groups** (right):
 - View all groups

3. In here, you can change avatar by click [Update Image], change First name, Last name, Phone then click [Edit] to submit all new profile information.

「Update Image」ボタンをクリックすれば、プロフィール写真を変更できます。変更内容を入力し、「Edit」ボタンをクリックします。

Manage your profile

First name: Hương
Last name: Dinh Lan
Phone: 0962925214

Profile

Date of Birth	17/01/1997
Student	
Roll number	SE05123
Campus	FU-HL
Major	BSE
Specialization	JS
Organizer	
Recent events	Newbie trip - Jump into the word
View all	13/08/2018 00:00:00
Manager	
Administrator	

Developed by YPHDT Team - FPT University

2.2.3. View University Event Calendar 大学のイベントカレンダー閲覧

1. Login as student

学生としてログインします。

2. In homepage, click [View University Event Calendar] button to view all events in FPT University.

ホームページで、「View University Event Calendar」ボタンをクリックします。

Student

View events

- [View university event calendar](#)
- [View your event calendar](#)
- [View all events](#)
- [View registered events](#)

Manage your account

- [Manage your profile](#)

View groups

- [View all groups](#)

3. Events will be display in a weekly view.

一週間ごと（7日ごと）のイベントデータを表示させます。

Change week by clicking [Previous Week] / [Next Week] buttons on the top of the screen.

Back to this week view by clicking on This Week button.

前週／今週／翌週に切り替えるには、上隅にある「Previous Week」／「This Week」／「Next Week」ボタンをクリックします。

4. Click [Filter] button to view events with specified category and organizer.

指定したカテゴリーと指定主した催者のイベントを見るには、「Filter」ボタンをクリックします。

The screenshot shows a weekly calendar view for the week of April 8-14, 2019. The top navigation bar includes links for 'Home' and 'Role: Student'. The main search bar has fields for 'Category' (All categories) and 'Organized by' (All organizers and groups), with a 'Filter' button. The days of the week are listed as Monday through Sunday. The time axis ranges from 06:00 to 23:00. A blue box highlights an event on Tuesday at 13:00 titled 'Talk show impossible is nothing - finnish ecosystem & innovation'. Another blue box highlights an event on Saturday at 18:30 titled 'Cổ vũ bắn kết cuộc đua số'.

2.2.4. View your event calendar 個人用イベントカレンダー閲覧

1. Login as student

学生としてログインします。

2. In Homepage, click [View your event calendar] button.

ホームページで、「View your event calendar」ボタンをクリックします。

Student

View events	Manage your account	View groups
View university event calendar	Manage your profile	View all groups
View your event calendar		
View all events		
View registered events		

3. All events that you bookmarked or registered will be display.

ブックマーク済みまたは登録済みのイベントを表示させます。

You can easily change between weeks by clicking [Previous Week], [This Week], [Next Week] or choosing a specific date.

前週／今週／翌週に切り替えるには、上隅にある「Previous Week」／「This Week」／「Next Week」ボタンをクリックします。 または、日付も選択できます。

The screenshot shows the FPT Student Event Calendar interface. At the top, there's a navigation bar with 'FPT Student Event Calendar', 'Home', 'Role: Student', 'Notifications', 'Huong', and 'Logout'. Below the navigation is a weekly calendar grid for April 15-21, 2019. The grid is organized by day (Monday-Sunday) and hour (02:00 to 23:00). An event is highlighted in a blue box on Wednesday at 14:00, which is described as 'Cơ hội học bổng toàn phần tại trường ĐH top 25 thế giới' (scholarship opportunity at one of the top 25 universities in the world) occurring from 14:00 - 15:30. The bottom of the page includes a footer note 'Developed by YPHDT Team - FPT University'.

2.2.5. View all events 全てのイベント閲覧

1. Login as student

学生としてログインします。

2. In Homepage, click [View all events] button.

ホームページで、「View all events」ボタンをクリックします。

3. Click on an event to view further information. Click [Register event] to register this event.

詳しく見るには、イベントのイメージをクリックします。イベントを参加申請するには、「Register event」ボタンをクリックします。

Event Name	Date Range	Location	Action
FPT EDU NihongoEng 2019 - Vòng sơ loại	From 18/05/2019 19:30:00 To 19/05/2019 19:30:00	Hòa Lạc	View event Register event
ASEAN CULTURAL TRIP tại Bangkok, Thái Lan	08/05 - 11/05/2019	Bangkok, Thailand	View event Register event
Codebattle 2019	From 05/05/2019 07:30:00 To 05/05/2019 17:00:00	Hòa Lạc	View event Register event

2.2.6. Search event イベント検索

1. Login as student

学生としてログインします。

2. In Homepage, click [View your event calendar] button.

ホームページで、「View your event calendar」ボタンをクリックします。

Student

View events	Manage your account	View groups
View university event calendar	Manage your profile	View all groups
View your event calendar		
View all events		
View registered events		

3. Enter text in [Event name] text field, choose Category, Organized By, Status and Range.

検索内容を入力します。

4. Click [Search] button.

ホームページで、「Search」ボタンをクリックします。

View all events

View all events in campus.

Nihongo	Category	Organized by
All categories ▾	Phòng phát triển cá nhân - ICPDP ▾	
Status	Range	Display
All	Within 2 months ▾	Custom ▾ Grid List
<input type="button" value="Search"/>		

2.2.7. View registered events 登録済みイベント閲覧

1. Login as student

学生としてログインします。

2. In Homepage, click [View registered events] button.

ホームページで、「View registered events」ボタンをクリックします。

Student

View events	Manage your account	View groups
View university event calendar	Manage your profile	View all groups
View your event calendar		
View all events		
View registered events		

3. All of your registered events will be displayed.

全ての登録済みイベントを表示させます。

The screenshot shows the 'View registered events' section of the student dashboard. At the top, there's a search bar with fields for 'Event name...' and 'Status' (set to 'Opening and Happening'), followed by a 'Search' button. Below the search bar, a list of events is displayed. The first event in the list is titled 'FPT EDU NihongoEng 2019 - Vòng sơ loại' and includes details: Date: May 2019, Time: 07:30 PM, Location: CHÙA ĐỀ, Description: 'The Change – Be a game'. To the right of this event is a small orange box labeled 'Hòa Lạc -Opening-'.

2.2.8. Report/Bookmark/Share/Register/Feedback an event イベントの報告／ブックマーク／シェア／参加申請／フィードバック

1. In event detail screen click [Report] button to report this event.

イベントを報告するには、イベント詳細画面で「Report」ボタンをクリックします。

2. In event detail screen click [Bookmark] button to bookmark this event.

イベントをブックマークするには、イベント詳細画面で「Bookmark」ボタンをクリックします。

3. In event detail screen click [Share] button to share this event to Facebook.

イベントをシェアするには、イベント詳細画面で「Share」ボタンをクリックします。

4. In event detail screen click [Send Feedback] button to feedback this event.

イベントをフィードバックするには、イベント詳細画面で「Send Feedback」ボタンをクリックします。

4.1. After writing feedback, click [Update] button to edit your feedback.

フェイスブックした後で、フィードバックの編集のために、「Update」ボタンをクリックします。

4.2. After writing feedback, click [Delete] button to delete your feedback.

削除の編集のために、「Delete」ボタンをクリックします。

Feedback

Your feedback

Dinh Lan Huong
5★ Apr 18, 2019

Chuong trinh thu vi qua hi

Update **Delete**

5. In event detail screen click [Register] button to register this event.

イベントを参加申請するには、イベント詳細画面で「Register」ボタンをクリックします。

6. A registration form will be displayed. Fill necessary information in form then submit it.

参加申請フォームを表示します。申請情報を入力して、申し出てください。

Register event

Speak Trip - Khóa học Public Speaking tại Malaysia và Singapore

*Required

Email address *

Your email address

Họ và tên *

Hương Đinh Lan

Ngày tháng năm sinh *

Date

17/01/1997

Email *

huongdlse05123@fpt.edu.vn

Phone

Your answer

Comments *

2.2.9. View group グループ

1. Login as student

学生としてログインします。

2. In Homepage, click [View all groups] button.

ホームページで、「View all groups」ボタンをクリックします。

Student		
View events	Manage your account	View groups
View university event calendar	Manage your profile	View all groups
View your event calendar		
View all events		
View registered events		

3. Click link in group's name to view group's information.

グループの詳細情報を見るには、グループ名のリンクをクリックします。

The screenshot shows a table listing 10 active groups:

No	Group name	Group leader	Members	Create Date	Mail
1	Câu lạc bộ FTIC	Trùng Duyên	1	15 Apr, 2019	
2	Câu lạc bộ Kỹ sư Cầu nối Nhật Bản - JS	Phạm Thị Oanh	3	15 Apr, 2019	js@gmail.com
3	Câu lạc bộ No Shy	Hồ Xuân Hưng	5	15 Apr, 2019	noshy@gmail.com
4	Câu lạc bộ Vì Cộng Đồng iGo	Trùng Duyên	1	15 Apr, 2019	
5	FCC - FPTU Chess Club	Trùng Duyên	1	21 Apr, 2019	fuchessclub@gmail.com
6	FPT Vovinam Club - FVC	Bùi Công Nam	3	21 Apr, 2019	fptvovinamclub@gmail.com
7	FPTU Business Club	Trùng Duyên	1	21 Apr, 2019	
8	FU Debate Club	Trần Đại Nghĩa	2	23 Apr, 2019	
9	Phòng công tác sinh viên SRO	Phạm Tuyệt Hạnh Hà	2	15 Apr, 2019	fpgfu@gmail.com
10	Phòng Phát triển Cá nhân (IC - PDP)	Nguyễn Hà Thành	4	21 Apr, 2019	pdp.hn@fpt.edu.vn

Showing 1 to 10 of 10 entries

Previous 1 Next

Developed by YPHIDT Team - FPT University

4. Click [Members] button to view list of member in this group.

グループのメンバーを見るには、「Member」ボタンをクリックします。

FPT Student Event Calendar Home Role: Student Notifications Hương Logout

Home / View all groups / Câu lạc bộ No Shy

Câu lạc bộ No Shy

Be what we wanna be - We are No Shy Club



Leader: Hồ Xuân Hưng
(hungxse04721@fpt.edu.vn)
Group mail: noshy@gmail.com

[Members](#)

Recent events:
Recent event created by members of this group.

22/04/2019 05:41:17 - [Estrella](#)
22/04/2019 05:39:30 - [Đợt tuyển thành viên CLB No Shy](#)
[<View more>](#)

[Back to List](#)

Developed by YPHDT Team - FPT University

5. Member list of this group will be displayed.

メンバーリストを表示させます。

FPT Student Event Calendar Home Role: Student Notifications Hương Logout

Home / View all groups / Câu lạc bộ No Shy

Câu lạc bộ No Shy

Members of Câu lạc bộ No Shy

No	Name	Role	Mail	Joined Date
1	Hồ Xuân Hưng	Leader	hungxse04721@fpt.edu.vn	Apr 21, 2019 12:39 PM
2	Trùng Duyên	Organizer	duyenntmse05164@fpt.edu.vn	Apr 18, 2019 12:42 AM
3	Beria Momo	Organizer	phuongnmse05113@fpt.edu.vn	Apr 18, 2019 2:47 PM
4	Luyện Thị Yên	Organizer	yenltsse04823@fpt.edu.vn	Apr 18, 2019 2:47 PM
5	Trịnh Phương Anh	Organizer	anhttp@fpt.edu.vn	Apr 21, 2019 11:51 PM

Show 10 entries Search:

Showing 1 to 5 of 5 entries Previous [1](#) Next [Close](#)

Recent events:
Recent event created by members of this group.

22/04/2019 05:41:17 - [Estrella](#)
22/04/2019 05:39:30 - [Đợt tuyển thành viên CLB No Shy](#)
[<View more>](#)

[Back to List](#)

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2.3. Organizer Actor 主催者アクター

2.3.1. View Organizer Homepage 主催者のホームページ閲覧

1. Login as Organizer, you will automatically redirected to Homepage.

主催者としてログインします。自動的に表示させる主催者のホームページにアクセスします。

2. From the other screen, click [Home] button or [FPT Student Event Calendar] logo to back to Homepage.

他の画面には、「Home」ボタンまたは「FPT Student Event Calendar」というロゴをクリックしてください。

2.3.2. Create an event イベント作成

1. Login as Organizer.

主催者としてログインします。

2. In Homepage, click [Create event] button.

ホームページで、「Create event」ボタンをクリックします。

Organizer

Manage your events

- [Create event](#)
- [View all your events](#)
- [View your draft events 1 draft](#)
- [View your pending events 1 pending 1 rejected](#)

Manage your account

- [Manage your profile](#)

View events

- [View university event calendar](#)
- [View all events](#)

View groups

- [View all groups](#)

3. Fill all event information.

内容を入力してください。

FPT Student Event Calendar
Home
Role: Organizer ▾
Notifications 1
Huong
Logout

Organizer / Create event

Create event

Create a new event for Students to participate in, a Manager will review and accept or reject your request

Event cover image


Upload Image

Name

Event family

Select a family that event belong to or create a new one.

Event open date

Event close date

Register info

Register info

Event register close date
22/04/2019 08:00 SA

Maximum number of registers
10

Create a form if you want to collect more information of participants (Popup will appear).
[Create Form](#)

Access right

Public
Choose this option if you want people outside FPT University to see this event.

For organizers only
Choose this option if you want create event for organizers only.

Target participants [Expand](#)
Target participants you want to join.

Target group
Only members of groups below can see this event. Leave this field empty for everyone can see.
[Add](#)

Event description

Đây là một chuyến đi vui vẻ

4. Click [Create] button.

「Create」ボタンをクリックします。

Besides, click [Save draft] button to save this as a draft.

その他、下書きを保存するには「Save draft」ボタンをクリックします。

Event description

Đây là một chuyến đi vui vẻ

Category

Softskill workshop [X](#) [Add](#)

Place

Name of the place that event will be held
Phố đi bộ Hồ Gươm

Fee

Entrance fee of event
1000000

Group

Which group do you want to post event as? If not select, you will be post event individually.
-Select a group-

[Create](#) [Save draft](#)

Developed by YPHDT Team - FPT University

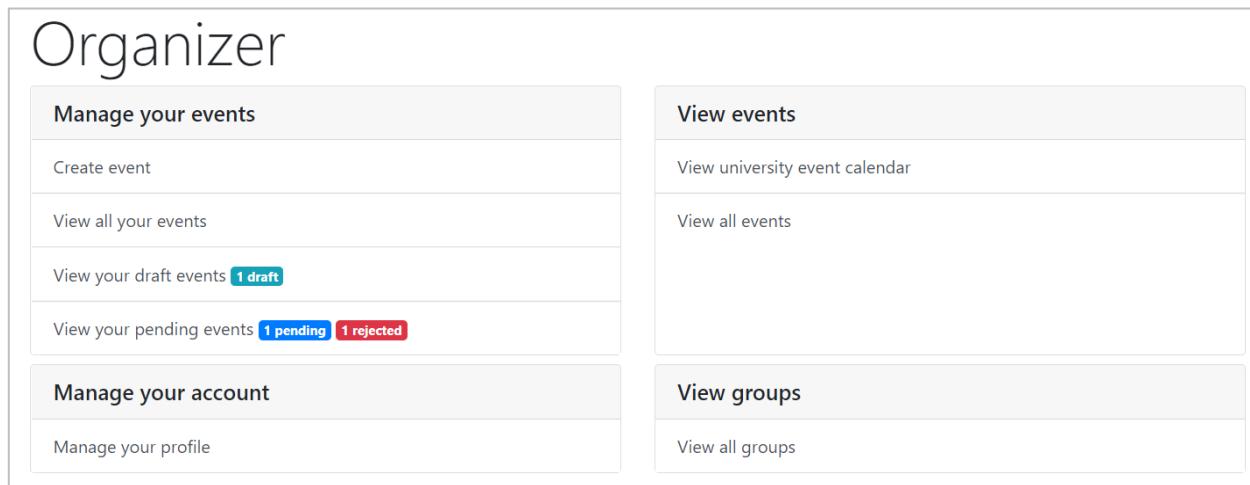
2.3.3. Manage pending events 保留中のイベント管理

1. Login as Organizer.

主催者としてログインします。

2. In Homepage, click [View your pending events] button.

ホームページで、「View your pending events」ボタンをクリックします。



3. Click [Cancel event] button to cancel event creation request.

イベントの作成の要求をキャンセルするには、「Cancel event」ボタンをクリックします。

The screenshot shows the 'View your pending events' section of the organizer's dashboard. It displays two events:

No	Name	Group	Created date	Status
1	Dinh Lan Huong		18/04/2019 01:04:09	Rejected
2	Tổng công ty điện lực Hà Nội		25/04/2019 14:23:56	Pending

Buttons for each event include 'Move to draft' for the rejected event and 'Cancel event' for the pending event.

2.3.4. Export statistic 統計輸出

1. Login as Organizer.

主催者としてログインします。

2. In Homepage, click [View all your events] button.

ホームページで、「View all your events」ボタンをクリックします。

The screenshot shows the 'Organizer' homepage with several navigation links:

- Manage your events**
 - Create event
 - View all your events
 - View your draft events 1 draft
 - View your pending events 1 pending 1 rejected
- Manage your account**
 - Manage your profile
- View events**
 - View university event calendar
 - View all events
- View groups**
 - View all groups

3. Click [View your event statistics] button.

「View your event statistics」ボタンをクリックします。

The screenshot shows the FPT Student Event Calendar - SEC interface. At the top, there are navigation links for 'Home' and 'Role: Organizer'. On the right, there are 'Notifications' (with 5 notifications), 'Huong', and 'Logout' buttons. Below the header, a breadcrumb navigation shows 'Organizer / View all your events'. The main title 'View all your events' is displayed, followed by a subtitle 'Show all your events that are Opening, Happening or Closed'. There is a search bar with fields for 'Event name...' and 'Status' (set to 'All'), and a 'Search' button. A table lists one event: 'Newbie trip - Jump into the word' (No. 1), which is 'Closed' and was created on '13/08/2018 00:00:00'. A blue button 'View your event statistics' is located next to the event details. At the bottom of the page, it says 'Developed by YPHDT Team - FPT University'.

4. Click [Export your event statistics] button.

「Export your event statistics」ボタンをクリックします。

The screenshot shows the FPT Student Event Calendar - SEC interface from the Manager perspective. At the top, there are navigation links for 'Home' and 'Role: Manager'. On the right, there are 'Notifications' (with 5 notifications), 'Momo', and 'Logout' buttons. Below the header, a breadcrumb navigation shows 'Manager / View all events / View event statistics'. The main title is 'Khóa học Public Speaking 15 ngày tại Malaysia và Singapore'. Below the title, four summary boxes are shown: 'Registered' (31), 'Checked in' (Opening), 'Rating' (4), and 'Feedback' (21). A blue button 'View registered students' is located below the 'Registered' box. Below these boxes is a section titled 'Export event statistics' containing two charts: 'Registered Students by date' (a line graph showing student registration increasing from 4/20/2019 to 4/21/2019) and 'Registered Students distribution by gender' (a pie chart showing most students are Male). At the bottom, there is a section titled 'Event form statistics' with a blue button 'View event form statistics'. At the very bottom, it says 'Developed by YPHDT Team - FPT University'.

2.3.5. Check-in event チェックイン

1. Login as Organizer.

主催者としてログインします。

2. In Homepage, click [View all your events] button.

「View all your events」ボタンをクリックします。

The screenshot shows the 'Organizer' section of the FPT Student Event Calendar. It is divided into two main columns: 'Manage your events' and 'View events'.

- Manage your events:**
 - Create event
 - View all your events
 - View your draft events 1 draft
 - View your pending events 1 pending 1 rejected
- View events:**
 - View university event calendar
 - View all events
- Manage your account:**
 - Manage your profile
- View groups:**
 - View all groups

3. Click [Checkin event] button.

「Checkin event」ボタンをクリックします。

The screenshot shows the 'View all your events' page. It displays a single event entry:

No	Name	Group	Status	Created date
1	Học kì tiếng Nhật tại Nhật Bản		Opening	23/04/2019 23:16:24

Next to the event entry are two buttons:

- [View your event statistics](#)
- [Checkin event](#)

4. Click [Checkin] button. 「Checkin」ボタンをクリックします。

Organizer / Manage event checkins

Manage event checkins

Show 50 entries

No	Email	Name	
1	huongdlse05123@fpt.edu.vn	Hương Đinh Lan	<button>Checkin</button>
2	duyenntmse05164@fpt.edu.vn	Duyên Trùng	<button>Checkin</button>

Search:

Previous **1** Next

2.3.6. Leader edit group information

グループ情報の編集（リーダーのみ）

1. Login as Organizer.

主催者としてログインします。

2. In Homepage, click [View all groups] button.

「View all groups」ボタンをクリックします。

Organizer

Manage your events

- [Create event](#)
- [View all your events](#)
- [View your draft events 1 draft](#)
- [View your pending events 1 pending 1 rejected](#)

Manage your account

- [Manage your profile](#)

View events

- [View university event calendar](#)
- [View all events](#)

View groups

- [View all groups](#)

3. Click [Edit] button. (display only if you are leader of this group)

「Edit」ボタンをクリックします。

4. Fill new information.

編集内容を入力します。

5. Click [Save] button.

「Save」ボタンをクリックします。

No	Group name	Group leader	Your role	Members	Create Date	Mail
	Câu lạc bộ Cờ Edit	Đinh Lan Hương	Leader	2	22 Apr, 2019	
	JS1102 Class	Nguyễn Thị Mỹ Duyên	Member	3	11 Apr, 2019	
	Câu lạc bộ No Shy	Nguyễn Minh Phương		1	22 Apr, 2019	
	Phòng phát triển cá nhân	Nguyễn Minh Phương		1	22 Apr, 2019	
	Phòng công tác sinh viên SRO	Nguyễn Minh Phương		1	22 Apr, 2019	
	Câu lạc bộ FTIC	Nguyễn Minh Phương		1	22 Apr, 2019	
	Câu lạc bộ Cóc Độc và Những người bạn	Nguyễn Minh Phương		1	22 Apr, 2019	
	Câu lạc bộ Vì Cộng Đồng iGo	Nguyễn Minh Phương		1	22 Apr, 2019	
	Câu lạc bộ Kỹ sư Cầu nối Nhật Bản - JS	Nguyễn Minh Phương		1	22 Apr, 2019	
	Câu lạc bộ Guitar - FGC	Nguyễn Minh Phương		1	22 Apr, 2019	

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2.4. Manager Actor 部長アクリター

2.4.1. View Manager Homepage

1. Login as Manager , you will automatically redirected to Homepage.

部長としてログインします。自動的に表示させる部長のホームページにアクセスします。

2. From the other screen, click [Home] button or [FPT Student Event Calendar] logo to back to Homepage.

他の画面には、「Home」ボタンまたは「FPT Student Event Calendar」というロゴをクリックしてください。

The screenshot shows the Manager homepage of the FPT Student Event Calendar. At the top, there are navigation links: 'Home' (selected), 'Role: Manager', 'Notifications' (with 5 notifications), 'Huong', and 'Logout'. The main content area is titled 'Manager' and contains several sections:

- Manage events**: Includes links to 'View university event calendar', 'View all events', 'Manage pending events' (3 pending), 'Manage featured events', and 'View all reports' (10 reports).
- Manage categories**: Includes links to 'View all categories' and 'Create category'.
- Manage groups**: Includes links to 'View all groups' and 'Create group'.
- Manage students**: Includes a link to 'View student activity' (Under Construction).
- Manage your account**: Includes a link to 'View your activity' (Under Construction).

At the bottom of the page, it says 'Developed by YPHDT Team - FPT University'.

2.4.2. Create category カテゴリー作成

1. Login as Manager.

部長としてログインします。

2. In Homepage, click [Create category] button.

ホームページで、「Create category」ボタンをクリックします。

The screenshot shows the Manager homepage again. The 'Manage categories' section is highlighted, showing the 'Create category' button. The other sections (Manage events, Manage groups) are also visible.

3. Fill information.

内容を入力します。

4. Click [Create] button.

「Create」ボタンをクリックします。

The screenshot shows a web application interface for managing categories. At the top, there is a navigation bar with links for 'Home' and 'Role: Manager'. On the right side of the bar are 'Notifications' (with a count of 5), a user profile icon labeled 'Huong', and a 'Logout' button. Below the navigation bar, the page title is 'Manager / Add category'. The main content area is titled 'Add category'. It contains two input fields: 'CategoryName' and 'CategoryDescription', both represented by empty text input boxes. At the bottom of the form are two buttons: a blue 'Create' button and a grey 'Back to List' button. At the very bottom of the page, there is a footer note: 'Developed by YPHDIT Team - FPT University'.

2.4.3. Manage category カテゴリー管理

1. Login as Manager.

部長としてログインします。

2. In Homepage, click [View all categories] button.

ホームページで、「View all categories」ボタンをクリックします。

Manager

Manage events

- [View university event calendar](#)
- [View all events](#)
- [Manage pending events 6 pending](#)
- [Manage featured events](#)
- [View all reports 11 reports](#)

Manage categories

- [View all categories](#)
- [Create category](#)

Manage groups

- [View all groups](#)
- [Create group](#)

FPT Student Event Calendar [Home](#) Role: Manager [Notifications](#) [Hướng](#) [Logout](#)

[Manager](#) / View all categories

View all categories

Show 10 entries Search:

No	Category name	Description	Created Date	Created By	
1	Competition		4/15/2019 9:50:49 PM	yenltse04823@fpt.edu.vn	Edit Delete
2	Field trip		4/15/2019 9:50:49 PM	yenltse04823@fpt.edu.vn	Edit Delete
3	Internal culture		4/15/2019 9:50:49 PM	yenltse04823@fpt.edu.vn	Edit Delete
4	Learning exchange		4/15/2019 9:50:49 PM	yenltse04823@fpt.edu.vn	Edit Delete
5	Learning workshop		4/15/2019 9:50:49 PM	yenltse04823@fpt.edu.vn	Edit Delete
6	Music		4/15/2019 9:50:49 PM	yenltse04823@fpt.edu.vn	Edit Delete
7	Orientation workshop		4/15/2019 9:50:49 PM	yenltse04823@fpt.edu.vn	Edit Delete
8	Recruitment		4/15/2019 9:50:49 PM	yenltse04823@fpt.edu.vn	Edit Delete
9	Recruitment workshop		4/15/2019 9:50:49 PM	yenltse04823@fpt.edu.vn	Edit Delete
10	Softskill workshop		4/15/2019 9:50:49 PM	yenltse04823@fpt.edu.vn	Edit Delete

Previous 1 2 Next

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3. Click [Edit] button.

「Edit」ボタンをクリックします。

4. Fill new information.

編集内容を入力します。

CategoryName
Learning exchange

CategoryDescription
Typing here

Save Back to List

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5. Click [Save] button.

「Save」ボタンをクリックします。

2.4.4. Manage featured events 特集イベント管理

1. Login as Manager.

部長としてログインします。

2. In Homepage, click [Manage featured events] button.

ホームページで、「Manage featured events」ボタンをクリックします。

Manager

Manage events

- View university event calendar
- View all events
- Manage pending events **6 pending**
- Manage featured events
- View all reports **11 reports**

Manage categories

- View all categories
- Create category

Manage groups

- View all groups
- Create group

3. Tick on feature events / Un-tick on unfeature events.

特集イベントのチェックボックスをチェックし、非特集イベントのチェックボックスにチェックを外します。

4. Click [Submit] button.

「Submit」ボタンをクリックします。

No	Event Name	Featured
1	FPT EDU NihongoEng 2019 - Vòng sơ loại	<input type="checkbox"/>
2	Khóa học Public Speaking 15 ngày tại Malaysia và Singapore	<input type="checkbox"/>
3	Asean Cultural trip tại Bangkok, Thái Lan	<input type="checkbox"/>
4	[HÀNH TRÌNH ĐÁNG SỐNG] Trải nghiệm lao động Bắc Giang	<input type="checkbox"/>
5	CHƯƠNG TRÌNH TRẢI NGHIỆM ĐẶC BIỆT KẾT HỢP GIỮA ĐẠI HỌC FPT VÀ ĐẠI HỌC INJE, HÀN QUỐC	<input type="checkbox"/>
6	Học Kỳ Trao Đổi Tại Đại Học Kanto Gakuin - Nhật Bản	<input checked="" type="checkbox"/>
7	[HÀNH TRÌNH THỦ LĨNH] Outsmart Outlast Survival Camp 2019	<input checked="" type="checkbox"/>
8	FPT EDU NihongoEng 2019	<input checked="" type="checkbox"/>
9	Codebattle 2019	<input type="checkbox"/>

2.4.5. Manage pending events 保留中のイベント管理

1. Login as Manager.

部長としてログインします。

2. In Homepage, click [Manage pending events] button.

ホームページで、「Manage pending events」ボタンをクリックします。

Manager

Manage events

- [View university event calendar](#)
- [View all events](#)
- [Manage pending events 6 pending](#)
- [Manage featured events](#)
- [View all reports 11 reports](#)

Manage categories

- [View all categories](#)
- [Create category](#)

Manage groups

- [View all groups](#)
- [Create group](#)

3. Fill in search field

検索内容を入力します。

4. Click [Search] button.

「Submit」ボタンをクリックします。

5. Click [Accept event] or [Reject event].

「Accept event」／「Reject event」ボタンをクリックします。

The screenshot shows the 'Manager' section of the FPT Student Event Calendar. At the top, there's a navigation bar with 'Home', 'Role: Manager', 'Notifications', 'Hướng', and 'Logout'. Below it, a breadcrumb trail shows 'Manager / Manage pending events'. The main title is 'Manage pending events' with a subtitle 'Show all events created by Organizers that are waiting for approval'. There's a search bar with placeholder 'Event name...' and a 'Search' button. A table lists pending events:

No	Event	Organizer	Created date	Action
1	J51102 Teambuilding	Duyên Trung	4/20/2019 10:26:36 PM	Accept event Reject event
2	Guitar Hòa Lạc Teambuilding	Duyên Trung	4/20/2019 10:27:07 PM	Accept event Reject event
3	Ngày hội VH Nhật Bản	Yên Luyện Thị As Câu lạc bộ Cúc Đỏ và Những người bạn	4/21/2019 11:04:52 PM	Accept event Reject event

At the bottom, a footer note says 'Developed by YPHDT Team - FPT University'.

2.4.6. Manage report of an event イベント報告管理

1. Login as Manager.

部長としてログインします。

2. In Homepage, click [View all reports] button.

ホームページで、「Manage pending events」ボタンをクリックします。

3. Click [Block Event] / [Dismiss].

「Block Event」／「Dismiss」ボタンをクリックします。

	Reporter	Event	Time	Description	
1	Trung Duyên	Asean Cultural trip tại Bangkok, Thái Lan	Apr 16, 2019 4:04 AM	23	Block event Dismiss
2	Lê Việt Thắng	Cuộc thi F Talent Code 2019	Apr 16, 2019 4:03 PM	su kien lua dao	Block event Dismiss
3	Trung Duyên	JS Rose Day	Apr 16, 2019 7:55 PM	Report vi không được đính	Block event Dismiss
4	Trung Duyên	[HÀNH TRÌNH THỦ LĨNH] Outsmart Outlast Survival Camp 2019	Apr 16, 2019 7:55 PM	Mở đơn quà gấp!	Block event Dismiss
5	Beria Momo	[HÀNH TRÌNH ĐÁNG SỐNG] Trại nghiêm lao động Bắc Giang	Apr 18, 2019 12:21 AM	Test thử	Block event Dismiss
6	Trung	Học Kỳ Trao Đổi Tại Đại	Apr 20,	Thông tin đưa ra gấp và thời gian học không trùng với kì học trên	Block

2.4.7. Manage group グループ管理

1. Login as Manager.

部長としてログインします。主催者としてログインします。

2. In Homepage, click [View all groups] button.

ホームページで「View all groups」ボタンをクリックします。

Manager

Manage events

- [View university event calendar](#)
- [View all events](#)
- [Manage pending events 6 pending](#)
- [Manage featured events](#)
- [View all reports 11 reports](#)

Manage categories

- [View all categories](#)
- [Create category](#)

Manage groups

- [View all groups](#)
- [Create group](#)

3. Click [Delete] button to delete group.

グループを削除するには、「Delete」ボタンをクリックします。

No	Group name	Group leader	Members	Create Date	Mail	
1	Câu lạc bộ Cúc Đỏ và Những người bạn	Nguyễn Minh Phương	1	22 Apr, 2019		Change Leader Delete
2	Câu lạc bộ Cờ	Nguyễn Minh Phương	1	22 Apr, 2019		Change Leader Delete
3	Câu lạc bộ FTIC	Nguyễn Minh Phương	1	22 Apr, 2019		Change Leader Delete
4	Câu lạc bộ Guitar - FGC	Nguyễn Minh Phương	1	22 Apr, 2019		Change Leader Delete
5	Câu lạc bộ Kỹ sư Cầu nối Nhật Bản - JS	Nguyễn Minh Phương	1	22 Apr, 2019		Change Leader Delete
6	Câu lạc bộ No Shy	Nguyễn Minh Phương	1	22 Apr, 2019		Change Leader Delete
7	Câu lạc bộ Vì Cộng Đồng iGo	Nguyễn Minh Phương	1	22 Apr, 2019		Change Leader Delete
8	JS1102 Class	Luyện Thị Yên	3	11 Apr, 2019		Change Leader Delete

4. Click [Change leader] button. Then click [Assign] button. Click OK button on confirm dialog.

「Change leader」ボタンをクリックして、「Assign」ボタンをクリックして、確認ダイアログで「OK」ボタンをクリックします。

Group:
Câu lạc bộ No Shy
Leader:
Luyễn Thị Yên (yenltse04823@fpt.edu.vn)

List of currently organizers in group.

No	Name	Mail	Joined Date	
1	Beria Momo	phuongnmse05113@fpt.edu.vn	18/04/2019 14:47:23	<button>Assign</button>
2	Trịnh Phương Anh	anhpt@fpt.edu.vn	21/04/2019 23:51:46	<button>Assign</button>
3	Trứng Duyên	duyenntmse05164@fpt.edu.vn	18/04/2019 00:42:42	<button>Assign</button>

Showing 1 to 3 of 3 entries

Previous 1 Next

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2.5. *Administrator Actor* 管理者アクター

2.5.1. Create account アカウントを作成する

1. Login as Administrator.

管理者としてログインしてください。

2. In Homepage, click [Create account] button.

ホームページ画面で、「Create account」ボタンをクリックしてください。

FPT Student Event Calendar Home Role: Administrator Notifications Momo Logout

Administrator

Manage accounts	View events	View groups
View all accounts	View university event calendar	View all groups
Create account	View all events	
View account activity <small>Under Construction</small>		

https://sec-fpt-edu.vn/Home/ViewAllEvents Developed by YPHDT Team - FPT University

3. In Email, input email of user you want to create account (Email must be of domain @fpt.edu.vn).

「Mail」に、アカウントが作成されるメールを入力してください（ドメインが「@fpt.edu.vn」であるのは必要です）。

FPT Student Event Calendar Home Role: Administrator Notifications Momo Logout

Administrator / Create account

Create account

Email	<input type="text" value="Email"/>
Roles	<input type="checkbox"/> Student <input type="checkbox"/> Organizer <input type="checkbox"/> Manager <input type="checkbox"/> Administrator

Add

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4. In Role, click to checkboxes of roles you want to add to new account.

「Role」で、アカウントに追加する役割の横にあるチェックボックスをクリックしてください。

Administrator / Create account

Email: tiennhse04976@fpt.edu.vn

Roles:

- Student
- Organizer
- Manager
- Administrator

Add

Developed by YPHDT Team - FPT University

5. Click [Add] button.

「Add」ボタンをクリックしてください。

Administrator / Create account

Email: tiennhse04976@fpt.edu.vn

Roles:

- Student
- Organizer
- Manager
- Administrator

Add

Developed by YPHDT Team - FPT University

6. Screen View all accounts will display with newly created account.

「View all accounts」画面で新しく作成されたアカウントを表示します。

The screenshot shows the FPT Student Event Calendar - SEC homepage. At the top, there are navigation links for 'Home' and 'Role: Administrator'. Below this, a sidebar lists three roles with checkboxes: 'Organizer' (checked), 'Manager' (checked), and 'Administrator' (checked). A 'Search' button is also present. The main content area displays a table of 13 accounts, each with columns for 'No.', 'Name', 'Email', and four role checkboxes ('Student', 'Organizer', 'Manager', 'Administrator'). The accounts listed are:

No.	Name	Email	Student	Organizer	Manager	Administrator
1	Anh Trịnh Phương	anhtph@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Duyên Trang	duyenntmse05164@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	Hà Phạm Tuyết Hạnh	hapth@fpt.edu.vn	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	Hưng Hồ Xuân	hunghse04721@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Hương Đinh Lan	huongdls05123@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	Lâm Phan Trường	lampt@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	Nam Bùi Công	nambcse04832@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Oanh Phạm Thị	oanhptse04853@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Sơn Trần Văn	sontvse04903@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Thắng Lê Việt	thanglyse04854@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11	Thành Nguyễn Hà	thanhnhh3@fpt.edu.vn	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Tiến Nguyễn Hùng	tiennhse04976@fpt.edu.vn	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Yến Luyện Thị	yenltse04823@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Below the table, a green message box says 'Successfully created account' with a close button. At the bottom, it says 'Developed by YPHDT Team - FPT University'.

2.5.2. View all accounts 全てのアカウント閲覧

1. Login as Administrator.

管理者としてログインします。

2. In Homepage, click [View all account] button.

ホームページ画面で、「View all accounts」ボタンをクリックします。

Administrator

The screenshot shows the Administrator dashboard. It has three main sections:

- Manage accounts**: Contains links for 'View all accounts' and 'Create account'.
- View events**: Contains links for 'View university event calendar' and 'View all events'.
- View groups**: Contains a link for 'View all groups'.

3. View all account Screen will display.

「View all accounts」画面を表示します。

Administrator / View all accounts

Show all Organizers, Managers and Administrators in the system

Account name or email..

Organizer
 Manager
 Administrator

Search

No	Name	Email	Student	Organizer	Manager	Administrator
1	Anh Trịnh Phương	anhpti@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Duyên Trừng	duyenntmse0516@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	Hà Phạm Tuyệt Hạnh	hapthi@fpt.edu.vn	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	Hưng Hồ Xuân	hunghxxe04721@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Hương Đinh Lan	huongdlse05123@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	Lâm Phan Trường	lampt@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	Nam Bùi Công	nambsse04832@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Oanh Phạm Thị	oanhptse04853@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Sơn Trần Văn	sontvse04903@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Thiều Nguyễn Văn	thieuvnse04904@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Successfully created account X

2.5.3. Edit account's role 役割変更

1. Login as Administrator. 管理者としてログインしてください。
2. In Homepage, click [View all account] button. ホームページ画面で、「View all accounts」ボタンをクリックします。

Administrator

Manage accounts	View events	View groups
View all accounts	View university event calendar	View all groups
Create account	View all events	
View account activity <small>Under Construction</small>		

3. Click into Name of account you want to change roles. 役割を変更したいアカウントの名前をクリックします。

Administrator / View all accounts

Show all Organizers, Managers and Administrators in the system

Account name or email..

Organizer
 Manager
 Administrator

Search

No	Name	Email	Student	Organizer	Manager	Administrator
1	Anh Trịnh Phương	anhtpi@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Duyên Trừng	duyenntmse05164@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	Hà Phạm Tuyệt Hạnh	hapthi@fpt.edu.vn	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	Hưng Hồ Xuân	hunghoxse04721@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Hương Đinh Lan	huongdlse05123@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	Lâm Phan Trường	lampt@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	Nam Bùi Công	nambsse04832@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Oanh Phạm Thị	oanhptse04853@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Sơn Trần Văn	sontvse04903@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Thiều Nguyễn Văn	thieuvnse04924@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Successfully created account X

4. Select new roles for selected account. 対象アカウントに新しい役割を選択します。

Administrator / View all accounts / Edit account

Email: tiennhse04976@fpt.edu.vn

Roles:

- Student
- Organizer
- Manager
- Administrator

Edit

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5. Click [Edit] button. 「Edit」ボタンをクリックします。

Email: tiennhse04976@fpt.edu.vn

Roles:

- Student
- Organizer
- Manager
- Administrator

[Edit](#)

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6. View all account screen will display with edited account. 「View all accounts」画面に役割を更新されたアカウントを表示させます。

No	Name	Email	Student	Organizer	Manager	Administrator
1	Anh Trịnh Phương	anhtp@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Duyên Trưng	duyenntmse05164@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	Hà Phạm Tuyết Hạnh	hapth@fpt.edu.vn	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	Hùng HB Xuân	hunghse04721@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Hương Dinh Lan	huongdls05123@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	Lâm Phan Trường	lampt@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	Nam Bùi Công	nambcse04832@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Oanh Phạm Thị	oanhptse04853@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Sơn Trần Văn	sontvse04903@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Thắng Lê Việt	thanglvse04854@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11	Thành Nguyễn Hà	thanhnh3@fpt.edu.vn	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Tiến Nguyễn Hùng	tiennhse04976@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13	Yến Luyện Thị	yenltse04823@fpt.edu.vn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Successfully edited account X

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