



**COMSATS University Islamabad,
Park Road, Chak Shahzad, Islamabad Pakistan**

SOFTWARE REQUIREMENTS SPECIFICATION

(SRS DOCUMENT)

for

HATH MILAO

Version 1.1

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Table of Contents

1. Introduction.....	1
1.1 Purpose.....	1
1.2 Scope.....	1
2. Overall description	2
2.1 Product perspective.....	2
2.2 Operating environment	2
2.3 Design and implementation constraints	2
3. Requirement identifying technique	3
3.1 Use case diagram.....	3
3.1.1 Student	3
3.1.2 Company	4
3.1.3 University.....	4
3.2 Use case description	5
3.2.1 UC-1: Login	5
3.2.2 UC-2: Register	5
3.2.3 UC-3: View Student Profile	6
3.2.4 UC-4: Add Education	6
3.2.5 UC-5: Update Education.....	7
3.2.6 UC-6: Delete Education.....	8
3.2.7 UC-7: Add Experience.....	8
3.2.8 UC-8: Delete Experience	9
3.2.9 UC-9: Update Experience	9
3.2.10 UC-10: View Profile.....	10
3.2.11 UC-11: Update Profile	10
3.2.12 UC-12: View Notification.....	11
3.2.13 UC-13: Follow Company.....	11
3.2.14 UC-14: Add Job and Internship.....	12
3.2.15 UC-15: View Job and Internship	12
3.2.16 UC-16: Update Job and Internship	13
3.2.17 UC-17: Delete Job and Internship	13
3.2.18 UC-18: Save Job and Internship.....	14
3.2.19 UC-19: Apply Job and Internship.....	14
3.2.20 UC-20: View Applied Job and Internship.....	15
3.2.21 UC-21: View Saved Job and Internship.....	15
3.2.22 UC -22: Cancel Apply Job and Internship	16
3.2.23 UC-23: Unsave Job and Internship.....	16
3.2.24 UC-24: View Job and Internship Applicants	17
3.2.25 UC-25: Show Jobless Student	17
3.2.26 UC-26: Add Event	18
3.2.27 UC-27: Update Event	18
3.2.28 UC-28: View Event	19
3.2.29 UC-29: Delete Event	19
3.2.30 UC-30: View Job Fair.....	20
3.2.31 UC-31: Add Final Year Project Idea	20
3.2.32 UC-32: View Final Year Project Idea.....	21
3.2.33 UC-33: Update Final Year Project Idea	21
3.2.34 UC-34: Delete Final Year Project Idea	22
3.2.35 UC-35: Apply Final Year Project.....	22
3.2.36 UC-36: View Final Year Project Applicants.....	23
3.2.37 UC-37: Chat	23

3.2.38	UC-38: Add Challenge	24
3.2.39	UC-39: View Challenge.....	24
3.2.40	UC-40: Update Challenge.....	25
3.2.41	UC-41: Delete Challenge	25
3.2.42	UC-42: Submit Challenge Solution.....	26
3.2.43	UC-43: View Attempt Challenge	26
3.2.44	UC-44: View Submitted Challenge.....	27
3.2.45	UC-45: Logout	27
3.2.46	UC-46: Forgot Password.....	28
4.	Functional Requirements	28
4.1	FR-1: Authenticate users for login	28
4.2	FR-2: Authenticate Users for Registration.....	29
4.3	FR-3: Verify Email Format	29
4.4	FR-4: Verify Password Format	29
4.5	FR-5: Create User Profile.....	29
4.6	FR-6: Update Profile Information	30
4.7	FR-7: Check Login Status.....	30
4.8	FR-8: Follow Company	30
4.9	FR-9: Unfollow Company.....	31
4.10	FR-10: View Notifications	31
4.11	FR-11: Send Notifications.....	31
4.12	FR-12: Add Education	31
4.13	FR-13: Delete Education.....	32
4.14	FR-14: Update Education.....	32
4.15	FR-15: Add Experience	32
4.16	FR-16: Delete Experience	33
4.17	FR-17: Update Experience	33
4.18	FR-18: Upload Profile Image	33
4.19	FR-19: Update Profile Image	33
4.20	FR-20: Verify Profile Image Size.....	34
4.21	FR-21: Add Job and Internship	34
4.22	FR-22: View Job and Internship.....	34
4.23	FR-23: Update Job and Internship	35
4.24	FR-24: Search Job and Internship.....	35
4.25	FR-25: Delete Job and Internship	35
4.26	FR-26: Apply Job and Internship	35
4.27	FR-27: Cancel Applied Job and Internship	36
4.28	FR-28: Show Job and Internship Applicant	36
4.29	FR-29: View Applied Job and Internship	36
4.30	FR-30: Save Job and Internship.....	37
4.31	FR-31: Unsave Job and Internship	37
4.32	FR-32: View Saved Job and Internship	37
4.33	FR-33: Add Final Year Project.....	37
4.34	FR-34: View Final Year Project.....	38
4.35	FR-35: Delete Final Year Project	38
4.36	FR-36: Update Final Year Project	38
4.37	FR-37: Apply Final Year Project Idea	39
4.38	FR-38: Cancel Applied Final Year Project	39
4.39	FR-39: Show Final Year Project Applicants	39
4.40	FR-40: View Applied Final Year Project Idea	39
4.41	FR-41: Add Event.....	40
4.42	FR-42: View Event	40
4.43	FR-43: Delete Event	40
4.44	FR-44: Update Event	41
4.45	FR-45: Register Event.....	41
4.46	FR-46: Cancel Registered Event	41
4.47	FR-47: View Event Participants	41

4.48	FR-48: View Registered Events	42
4.49	FR-49: View Job Fair Events	42
4.50	FR-50: Add Challenge	42
4.51	FR-51: View Challenge	43
4.52	FR-52: Delete Challenge.....	43
4.53	FR-53: Update Challenge.....	43
4.54	FR-54: Attempt Challenge	43
4.55	FR-55: Cancel Attempted Challenge	44
4.56	FR-56: Show Challenge Submitted Solution	44
4.57	FR-57: View Attempt Challenge	44
4.58	FR-58: Submit Challenge Solution.....	45
4.59	FR-59: Give Challenge Rating	45
4.60	FR-60: View Challenge Rating	45
4.61	FR-61: Send Message	45
4.62	FR-62: Receive Message	46
4.63	FR-63: View Message.....	46
4.64	FR-64: View Chat Conversation	46
4.65	FR-65: Show Statistics Graph to Student.....	47
4.66	FR-66: Show Statistics Graph to Company	47
4.67	FR-67: Show Statistics Graph to University	47
4.68	FR-68: Show Recommended Job and Internship to Student	47
4.69	FR-69: Show Recommended Students to Company.....	48
4.70	FR-70: Show Jobless Students to University	48
4.71	FR-71: Logout	48
4.72	FR-72: Forgot Password	49
5.	Non-Functional Requirements.....	49
5.1	Usability	49
5.2	Modularity.....	49
5.3	Scalability.....	49
5.4	Performance	49
5.5	Security	50
6.	References.....	50

Revision History

Name	Date	Reason for changes	Version

Application Evaluation History

Comments (by committee) *include the ones given at scope time both in doc and presentation	Action Taken
How non-functional requirement achieve?	Describe the non-functional requirement in more detail that how we achieve in our application.

Supervised by
Mr. Qasim Malik

Signature_____

1. Introduction

The software requirements specification document contains the detailed requirements of “**Hath Milao**”. The first section “Introduction” of the following document describes the introduction and functionalities of the system “**Hath Milao**”.

The second section “Overall Description” of the system describes the context or background in the lights of which application is being developed. It explains about whether the system being developed is new or a better version of an existing application. The second section also tells about the environment in which the system will be used and the constraints of the system.

The third section “Requirements Identifying Technique” of the document provides the detailed use cases of the system and the use case diagram. The fourth section “Functional Requirements” provides the functional requirements of the system. Non-functional requirements of the system “**Hath Milao**” are explained in the fifth section of the document. The sixth and last section “References” of the document lists all the references that were taken into account for the purpose of help for the making of this document.

1.1 Purpose

Every students and alumni search for a suitable job according to their skills. They visit different offices, joins different groups on social media, visit different websites for jobs and internship. We are developing a system in which students or alumni of different universities come to one platform and have directly interactions with industry and their university career center. In this system, notification of new jobs and internships automatically goes to related students. Students get early internships, solve challenge which is posted by company and also apply for industry project. Career center and companies will be able to create any events and manage job fair at one place.

1.2 Scope

Students and alumni register or login into the system. Once students and alumni login they will see the dashboard page in which different section will show like job, companies, etc. They will be able to view, save and apply for jobs and internships. Students and alumni will be able to view and create a CV. Students and alumni have a message section in which they will contact with companies and career centers. They have a powerful search filter for the jobs and internships. Students and alumni will be able to view update his/her profile in which their skills and other information are shown, etc. Students and alumni will see and save companies and on-campus events. Students and alumni will be able to attempt challenges which will be posted by company. The score of attempt challenge will be shown in challenge attempt section. Students will be able to apply for different projects which are offered by industry. Companies will register or login they will see the dashboard page in which different section will show like job, students, etc. Companies will be able to post jobs and internships which will show on the job section of thousands of students and alumni. Companies

will be able to see the jobs and internships applicant profile. Companies will be able to create a different type of events. Companies will be able to manage all jobs fair on this platform. Companies will be able to contact directly with students and alumni. Career center of university register or login into the system. After that, on their track jobless section, they will see all the student of their own university those are jobless and looking for jobs. Career Center will be able to see the profile of their university students and alumni. The career center will be able to contact directly with students. The career center will be able to post different type of events like job fair, etc. It will show to thousands of companies and students. Students, alumni, companies and career center have a dashboard in which they will be able to see the statistics of different things.

2. Overall description

2.1 Product perspective

“Hath Milao” web application is entirely a new application. Which has some relevant android applications and websites on internet having very limited functionalities.

Hath Milao system provide simple interface in which all users will have different section like job events etc. Our system provides interaction of students and alumni with industry and career center during their university life. It eases every student to find related jobs and internships on one platform. It allows every student or applicant to show his/her skills and basis on their interest the jobs and internships will be shown on job section. They will be able to contact with companies and career center. Company will offered projects and students apply for it. Company easily see the job applicants, final year project applicants and challenges attempt by different students at one place. Students will be able to perform challenges given by companies and they will be rewarded points on completing those challenges. Career center and companies will be able to create events like webinar, workshop etc.

2.2 Operating environment

OE-1: The System shall operate correctly with the following web browsers: Firefox versions 28 through 48; Google Chrome (all versions); and Apple Safari versions 8.0 through 11.1.

OE-2: System will operate on android version 4.1 or higher.

2.3 Design and implementation constraints

Following are the design and implementation constraints.

CO-1: The system shall be developed using open source tools and shall run online.

CO-2: Node.js server will be used due to its security, efficiency and feasibility.

3. Requirement identifying technique

As our proposed system is interactive end-user web and mobile application. So, we will use usecases as our requirement identification technique.

3.1 Use case diagram

Following are the use case diagrams for Hath Milao.

3.1.1 Student

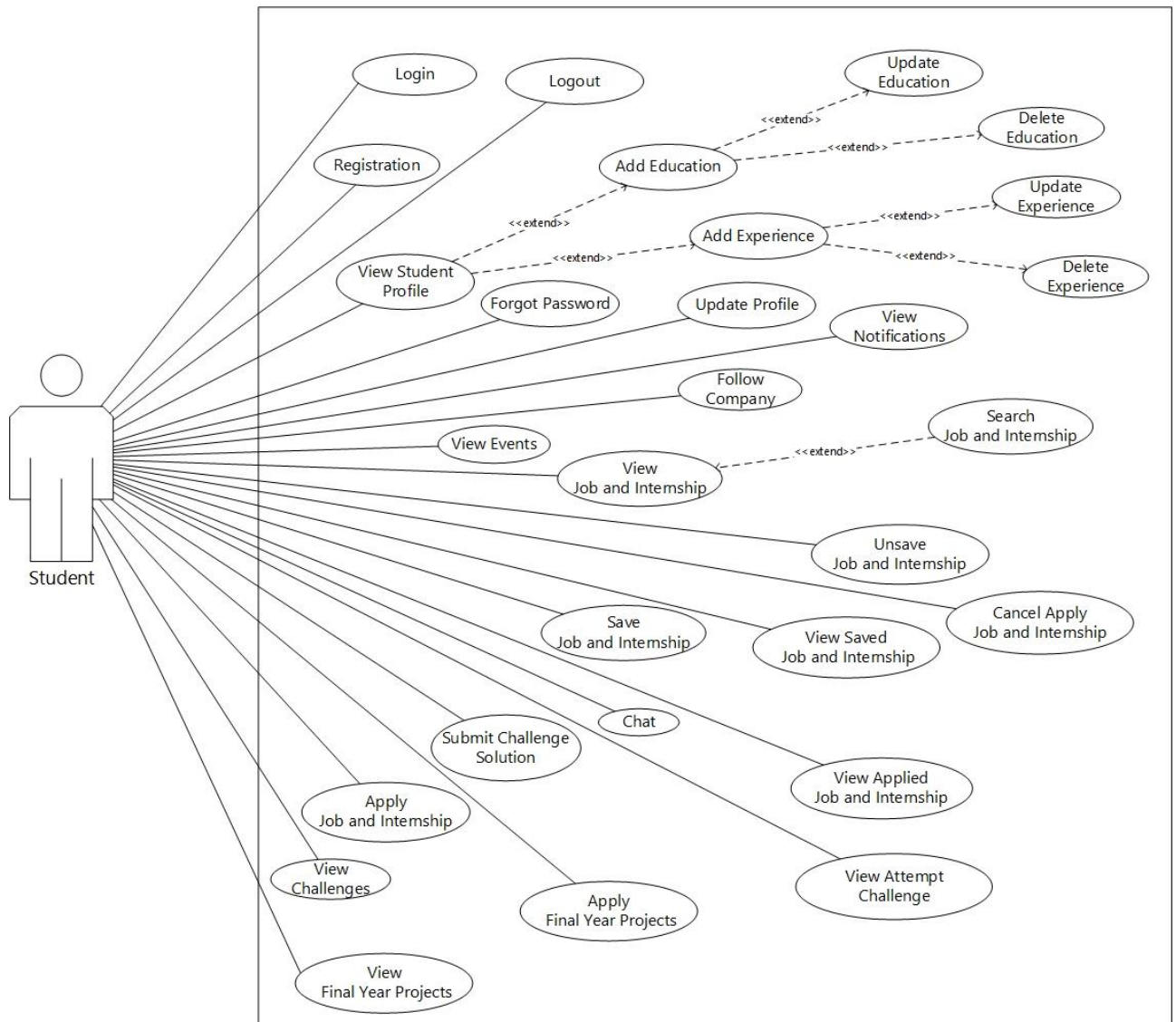


Figure 1: Student Use Case Diagram

3.1.2 Company



Figure 2: Company Use Case Diagram

3.1.3 University

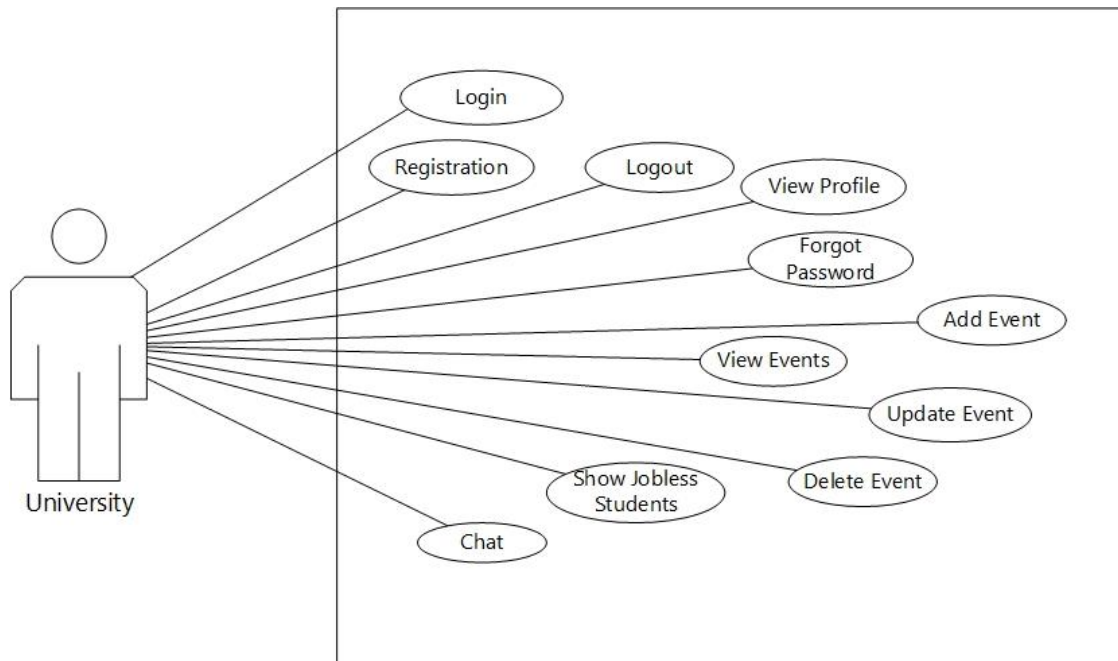


Figure 3: University Use Case Diagram

3.2 Use case description

Following are the use cases for Hath Milao.

3.2.1 UC-1: Login

Use Case ID:	UC-1
Use Case Name:	Login
Actors:	Student, University, Company
Description:	In this use case, user shall be able to log in to system using their respective login credentials.
Trigger:	User clicks on login button.
Preconditions:	PRE-1. User must have a registered account.
Postconditions:	POST-1. User successfully log-in the application.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on login icon. 2. System shows login form. 3. User enters email. 4. User enters password 5. User clicks on login button. 6. System notifies that user is successfully logged in. 7. Use case ends when user reaches this step.
Alternative Flows:	N/A
Exceptions:	4a. In step 4 of normal flow, the user enters incorrect credentials (email or password) <ol style="list-style-type: none"> 1. System displays a message that incorrect username or password has been entered. 2. System asks the user to enter username and password again 3. User enters correct log-in credentials and clicks on log-in button 4. Use case resumes on step 5 of normal flow.
Business Rules:	BR-1. Only registered user login into system to used features of application.
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application is connected with internet.

3.2.2 UC-2: Register

Use Case ID:	UC-2
Use Case Name:	Register
Actors:	Company, Student, University
Description:	In this use case, user shall be able to create an account using their respective personal details.
Trigger:	User clicks on register button.
Preconditions:	PRE-1. User opens registration page.
Postconditions:	POST-1. User successfully creates an account.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on register button 2. Registration form is displayed. 3. User enters name, email and password 4. The user confirms the registration by clicks on the register button. 5. Use case ends when user reaches this step.
Alternative Flows:	N/A
Exceptions:	3a. In step 3 of normal flow, if user enters invalid format of email <ol style="list-style-type: none"> 1. System notifies use that email format is invalid.

	<ol style="list-style-type: none"> 2. Use case resume from step 3 of normal flow. <p>3b. In step 3 of normal flow, if email is already registered by another user.</p> <ol style="list-style-type: none"> 1. System notifies user that email already registered by another user. 2. Use case resume from step 3 of normal flow. <p>3c. In step 3 of normal flow, if sign up fields are empty</p> <ol style="list-style-type: none"> 1. System notifies user that fields are empty. 2. User case resumes from step 3 of normal flow.
Business Rules:	N/A
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Uses has an email address. 3. Application is connected with internet.

3.2.3 UC-3: View Student Profile

Use Case ID:	UC-3
Use Case Name:	View Student Profile.
Actors:	Student
Description:	In this use case, student will able to view his/ her profile information.
Trigger:	Student clicks on profile button.
Preconditions:	PRE-1. Student must be logged in. PRE-2. Student must be registered in system.
Postconditions:	POST-1. Student sees his profile information.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on profile button in menu. 2. Profile with student information will be shown with their education, experience, skills and contact information. 3. Use case end at this step
Alternative Flows:	2a. In step 2 of normal flow, if user has not filled his information, <ol style="list-style-type: none"> 1. System shows empty fields. 2. User fills his information. 3. User saves the information.
Exceptions:	N/A
Business Rules:	N/A
Includes:	UC-2
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application is connected with internet.

3.2.4 UC-4: Add Education

Use Case ID:	UC-4
Use Case Name:	Add Education.
Actors:	Student
Description:	In this use case, user shall be able to add education related detail.
Trigger:	Student clicks on add education button from the profile section.
Preconditions:	PRE-1. Student is logged-in application. PRE-2. Student opens the profile section
Postconditions:	POST-1. Student successfully add education in profile.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on profile icon in menu. 2. System will display options for the profile. 3. Student selects add education option.

	<ol style="list-style-type: none"> 4. System displays education form details. 5. Student enter details. 6. Student clicks on submit button. 7. The information will be changed successfully 8. Use case ends when user reaches this step.
Alternative Flows:	N/A
Exceptions:	<p>4a. In step 4 of the normal flow, if user press cancel button</p> <ol style="list-style-type: none"> 1. System profile will not update. <p>5a. In step 5 of the normal flow if user enters the wrong information</p> <ol style="list-style-type: none"> 1. System prompts the user that the information you entered is wrong. 2. Use case will resume on step 5 of the normal flow. <p>6a. In step 6 of normal flow, if fields are empty.</p> <ol style="list-style-type: none"> 1. System notifies user that fields are empty. 2. Use case resumes from step 5 of normal flow.
Business Rules:	N/A
Includes:	UC-3
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application is connected with internet.

3.2.5 UC-5: Update Education

Use Case ID:	UC-5
Use Case Name:	Update Education.
Actors:	Student
Description:	In this use case, user shall be able to update education related detail.
Trigger:	Student clicks on update education button from the profile section.
Preconditions:	<p>PRE-1. Student is logged-in application.</p> <p>PRE-2. Student opens the profile section</p>
Postconditions:	POST-1. Student successfully update education in profile.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on profile icon in menu. 2. System will display options for the profile. 3. Student selects update education option. 4. System displays education form with editable fields. 5. Student enter details. 6. Student clicks on submit button. 7. The information will be changed successfully 8. Use case ends when user reaches this step.
Alternative Flows:	N/A
Exceptions:	<p>4a. In step 4 of the normal flow, if user press cancel button</p> <ol style="list-style-type: none"> 1. System will not update the information. <p>5a. In step 5 of the normal flow if user enters the wrong information</p> <ol style="list-style-type: none"> 1. System prompts the user that the information you entered is wrong. 2. Use case will resume on step 5 of the normal flow. <p>6a. In step 6 of normal flow, if fields are empty.</p> <ol style="list-style-type: none"> 1. System notifies user that fields are empty. 2. Use case resumes from step 5 of normal flow.
Business Rules:	N/A
Includes:	UC-4
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application is connected with internet.

3.2.6 UC-6: Delete Education

Use Case ID:	UC-6
Use Case Name:	Delete Education.
Actors:	Student
Description:	In this use case, user shall be able to delete education related detail.
Trigger:	Student clicks on delete education button from the profile section.
Preconditions:	PRE-1. Student is logged-in application. PRE-2. Student opens the profile section
Postconditions:	POST-1. Student successfully delete education in profile.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on profile icon in menu. 2. System will display options for the profile. 3. Student selects delete education option. 4. The information will be changed successfully 5. Use case ends when user reaches this step.
Alternative Flows:	N/A
Exceptions:	N/A
Business Rules:	N/A
Includes:	UC-4
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application is connected with internet.

3.2.7 UC-7: Add Experience

Use Case ID:	UC-4
Use Case Name:	Add Experience.
Actors:	Student
Description:	In this use case, user shall be able to add experience related detail.
Trigger:	Student clicks on add experience button from the profile section.
Preconditions:	PRE-1. Student is logged-in application. PRE-2. Student opens the profile section
Postconditions:	POST-1. Student successfully add experience in profile.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on profile icon in menu. 2. System will display options for the profile. 3. Student selects add experience option. 4. System displays experience form details. 5. Student enter details. 6. Student clicks on submit button. 7. The information will be changed successfully 8. Use case ends when user reaches this step.
Alternative Flows:	N/A
Exceptions:	<p>4a. In step 4 of the normal flow, if user press cancel button</p> <ol style="list-style-type: none"> 1. System will not update the information. <p>5a. In step 5 of the normal flow if user enters the wrong information</p> <ol style="list-style-type: none"> 1. System prompts the user that the information you entered is wrong. 2. Use case will resume on step 5 of the normal flow. <p>6a. In step 6 of normal flow, if fields are empty.</p> <ol style="list-style-type: none"> 1. System notifies user that fields are empty. 2. Use case resumes from step 5 of normal flow.
Business Rules:	N/A
Includes:	UC-3

Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application is connected with internet.
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3.2.8 UC-8: Delete Experience

Use Case ID:	UC-8
Use Case Name:	Delete Experience.
Actors:	Student
Description:	In this use case, user shall be able to delete experience related detail.
Trigger:	Student clicks on delete experience button from the profile section.
Preconditions:	PRE-1. Student is logged-in application. PRE-2. Student opens the profile section
Postconditions:	POST-1. Student successfully delete experience in profile.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on profile icon in menu. 2. System will display options for the profile. 3. Student selects delete experience option. 4. The information will be changed successfully 5. Use case ends when user reaches this step.
Alternative Flows:	N/A
Exceptions:	N/A
Business Rules:	N/A
Includes:	UC-7
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application is connected with internet.

3.2.9 UC-9: Update Experience

Use Case ID:	UC-9
Use Case Name:	Update Experience.
Actors:	Student
Description:	In this use case, user shall be able to update experience related detail.
Trigger:	Student clicks on update experience button from the profile section.
Preconditions:	PRE-1. Student is logged-in application. PRE-2. Student opens the profile section
Postconditions:	POST-1. Student successfully update experience in profile.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on profile icon in menu. 2. System will display options for the profile. 3. Student selects update experience option. 4. System displays experience form with editable fields. 5. Student enter details. 6. Student clicks on submit button. 7. The information will be changed successfully 8. Use case ends when user reaches this step.
Alternative Flows:	N/A
Exceptions:	<p>4a. In step 4 of the normal flow, if user press cancel button</p> <ol style="list-style-type: none"> 1. System will not update the information. <p>5a. In step 5 of the normal flow if user enters the wrong information</p> <ol style="list-style-type: none"> 1. System prompts the user that the information you entered is wrong. 2. Use case will resume on step 5 of the normal flow. <p>6a. In step 6 of normal flow, if fields are empty.</p> <ol style="list-style-type: none"> 1. System notifies user that fields are empty.

	2. Use case resumes from step 5 of normal flow.
Business Rules:	N/A
Includes:	UC-7
Assumptions:	1. User understands English language. 2. Application is connected with internet.

3.2.10 UC-10: View Profile

Use Case ID:	UC-10
Use Case Name:	View Profile.
Actors:	Company, University
Description:	In this use case, user will able to view his/ her profile information.
Trigger:	User clicks on profile button.
Preconditions:	PRE-1. User must be logged in.
Postconditions:	POST-1. User sees his profile information.
Normal Flow:	1. User clicks profile button in menu. 2. Profile with user information will be shown to the user. 3. Use case end at this step
Alternative Flows:	2a. In step 2 of normal flow, if user has not filled his information, 1. System shows empty fields. 2. User fills his information. 3. User saves the information.
Exceptions:	N/A
Business Rules:	N/A
Includes:	UC-2
Assumptions:	1. User understands English language. 2. Application is connected with internet.

3.2.11 UC-11: Update Profile

Use Case ID:	UC-11
Use Case Name:	Update profile.
Actors:	Student, Company, University
Description:	In this use case, user shall be able to edit their profile. After editing, system will show confirmation of successful profile update.
Trigger:	User clicks on edit profile button from the user profile section.
Preconditions:	PRE-1. User is logged-in application. PRE-2. User opens the profile section
Postconditions:	POST-1. User successfully edits their profile.
Normal Flow:	1. User clicks on profile icon in menu. 2. System will display options for the profile. 3. User selects edit profile option. 4. System displays user's profile details. 5. User clicks on the specific field user wants to update. 6. User enter details. 7. User clicks on submit button. 8. The information will be changed successfully 9. Use case ends when user reaches this step.
Alternative Flows:	N/A
Exceptions:	4a. In step 4 of the normal flow, if user press cancel button 1. System will not update the information.

	5a. In step 5 of the normal flow if user enters the wrong information <ol style="list-style-type: none"> 1. System prompts the user that the information you entered is wrong. 2. Use case will resume on step 5 of the normal flow. 7a. In step 7 of normal flow, if fields are empty. <ol style="list-style-type: none"> 1. System notifies user that fields are empty. 2. Use case resumes from step 5 of normal flow.
Business Rules:	N/A
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application is connected with internet.

3.2.12 UC-12: View Notification

Use Case ID:	UC-12
Use Case Name:	View Notification
Actors:	Student
Description:	In this use case, student shall be able to view the notification of job of followed company.
Trigger:	Student clicks on notification button
Preconditions:	PRE-1. Student is logged-in application. PRE-2. Student must follow one company
Postconditions:	POST-1. Notification will be shown to student successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on notification in navbar. 2. All notification will be shown on notification page. 3. Use case ends when user reaches this step.
Alternative Flows:	N/A
Exceptions:	2a. In step 2 of normal flow if no notification <ol style="list-style-type: none"> 1. System display no notification to student. 2. Use case resume at step 2.
Business Rules:	N/A
Includes:	UC-13
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application is connected with internet.

3.2.13 UC-13: Follow Company

Use Case ID:	UC-13
Use Case Name:	Follow Company
Actors:	Student
Description:	In this use case, student shall be able to follow the company so student will receive the notification of jobs when company adds new job.
Trigger:	Student clicks on follow button
Preconditions:	PRE-1. Student is logged-in application. PRE-2. Student is on company profile.
Postconditions:	POST-1. Follow button text unfollow in company profile.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on companies in menu. 2. All companies will be shown on that page. 3. Student opens any company profile. 4. Student clicks on follow button. 5. Text of that button will change to unfollow. 6. Use case ends when user reaches this step.
Alternative Flows:	4a. In this step if company already followed

	<ol style="list-style-type: none"> 1. Student clicks on unfollow button 2. System change the label of that button to “Follow” 3. Use case resume on step 4 of normal flow
Exceptions:	N/A
Business Rules:	N/A.
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. Company is not followed by that student. 2. User understands English language. 3. Application is connected with internet.

3.2.14 UC-14: Add Job and Internship

Use Case ID:	UC-14
Use Case Name:	Add Job and Internship
Actors:	Company
Description:	In this use case, company shall be able to add new job and internship by adding related information.
Trigger:	Company clicks on add job button
Preconditions:	PRE-1. Company is logged-in application. PRE-2. Company must be in job section
Postconditions:	POST-1. Job and internship add into system
Normal Flow:	<ol style="list-style-type: none"> 1. Company clicks on job section in menu. 2. Job section page will opens 3. Company clicks on add job button. 4. Job form will be shown on screen. 5. Company will fill form according to given fields. 6. Company clicks on submit button 7. Job will be added into system 8. Use case end at this step
Alternative Flows:	N/A
Exceptions:	<p>5a. In step 5 of normal flow, if company enters invalid format of information</p> <ol style="list-style-type: none"> 1. System notifies that information format is invalid. 2. Use case resume from step 5 of normal flow. <p>5b. In step 5 of normal flow, if job fields are empty</p> <ol style="list-style-type: none"> 1. System notifies user that fields are empty. 2. User case resumes from step 5 of normal flow.
Business Rules:	N/A
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application is connected with internet

3.2.15 UC-15: View Job and Internship

Use Case ID:	UC-15
Use Case Name:	View Job and Internship
Actors:	Company, Student
Description:	In this use case, user shall be able to view jobs and internships
Trigger:	User clicks on job button in menu
Preconditions:	PRE-1. User is logged-in application.
Postconditions:	POST-1. Jobs and internships will be shown on job section.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on job section in menu.

	<ol style="list-style-type: none"> Job section opens in which all job will be shown Use case end at this step
Alternative Flows:	2a. In step 2 normal flow if user want to see job and internship with search query <ol style="list-style-type: none"> User enter given search parameter in form. User clicks on search icon button. Job and internships will be shown on the basis of search parameters. Use case resume at step 2 of normal flow
Exceptions:	2a. In step 1 of alternative flow if user leave the search parameter <ol style="list-style-type: none"> System notifies user that fields are empty. Use case resume at step 1 of alternative flow
Business Rules:	N/A
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> User understands English language. Application connect to internet

3.2.16 UC-16: Update Job and Internship

Use Case ID:	UC-16
Use Case Name:	Update Job and Internship
Actors:	Company
Description:	In this use case, company shall be able to update job and internship.
Trigger:	Company clicks on edit button.
Preconditions:	PRE-1. Company is logged-in application.
Postconditions:	POST-1. Jobs and internships will be update successfully.
Normal Flow:	<ol style="list-style-type: none"> Company clicks on job section in menu. Job section opens in which all job will be shown. Jobs or internships have an edit button on right. Company clicks on edit button. Form will be shown with editable field. Company clicks submit button. Job or internship will update successfully. Use case end at this step
Alternative Flows:	N/A
Exceptions:	5a. In step 5 of normal flow, if company enters invalid format of information <ol style="list-style-type: none"> System notifies that information format is invalid. Use case resume from step 5 of normal flow. 5b. In step 5 of normal flow, if job fields are empty <ol style="list-style-type: none"> System notifies user that fields are empty. User case resumes from step 5 of normal flow.
Business Rules:	N/A
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> User understands English language. Application connect to internet

3.2.17 UC-17: Delete Job and Internship

Use Case ID:	UC-17
Use Case Name:	Delete Job and Internship
Actors:	Company
Description:	In this use case, company shall be able to delete job and internship.

Trigger:	Company clicks on trash icon.
Preconditions:	PRE-1. Company is logged-in application.
Postconditions:	POST-1. Jobs and internships will be delete.
Normal Flow:	<ol style="list-style-type: none"> 1. Company clicks on job section in menu. 2. Job section opens in which all job will be shown. 3. Jobs or internships have a trash icon on right. 4. Company clicks on trash button 5. Job or internship will delete successfully. 6. Use case end at this step
Alternative Flows:	N/A
Exceptions:	N/A
Business Rules:	N/A
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application connect with internet

3.2.18 UC-18: Save Job and Internship

Use Case ID:	UC-18
Use Case Name:	Save Job and Internship
Actors:	Student
Description:	In this use case, student shall be able to save job and internship.
Trigger:	Student clicks on save icon.
Preconditions:	PRE-1. Student is logged-in application.
Postconditions:	POST-1. Job and internship will be saved into system.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on job section in menu. 2. Job section opens in which all jobs and internships will be shown. 3. Jobs or internships have a save icon on right. 4. Student clicks on save icon 5. Job or internship will save successfully. 6. Use case end at this step
Alternative Flows:	N/A
Exceptions:	4a. In step 4 of normal flow if job save already save <ol style="list-style-type: none"> 1. Save icon will not display. 2. Use case end at this step.
Business Rules:	N/A
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application is connected with internet

3.2.19 UC-19: Apply Job and Internship

Use Case ID:	UC-19
Use Case Name:	Apply Job and Internship
Actors:	Student
Description:	In this use case, student shall be able to apply for jobs and internships.
Trigger:	Student clicks on apply icon.
Preconditions:	PRE-1. Student is logged-in application.
Postconditions:	POST-1. Job and internship will apply successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on job section in menu. 2. Job section opens in which all jobs and internships will be shown. 3. Jobs or internships have a apply button on right.

	<ol style="list-style-type: none"> 4. Student clicks on apply button. 5. Job or internship will apply successfully. 6. Use case end at this step
Alternative Flows:	N/A
Exceptions:	<ol style="list-style-type: none"> 4a. If student already apply to job or internship <ol style="list-style-type: none"> 1. Apply button on job or internship will not display. 2. Applied text will be shown instead of button. 3. Use case end at this step 4b. If student see the job or internship which apply date pass <ol style="list-style-type: none"> 1. Student unable to apply for that job or internship 2. Use case end at this step
Business Rules:	N/A.
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application connect with internet

3.2.20 UC-20: View Applied Job and Internship

Use Case ID:	UC-20
Use Case Name:	View Applied Job and Internship
Actors:	Student
Description:	In this use case, student shall be able to view all applied job and internship.
Trigger:	Student clicks on applied job button.
Preconditions:	PRE-1. Student is logged-in application.
Postconditions:	POST-1. Applied jobs and internships will be shown successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on job section in menu. 2. Job section opens in which all jobs and internships will be shown. 3. In job section applied jobs button on top right corner. 4. Student clicks on applied job button. 5. Applied jobs or internships will be shown successfully. 6. Use case end at this step
Alternative Flows:	N/A
Exceptions:	<ol style="list-style-type: none"> 4a. If student not apply to any job or internship <ol style="list-style-type: none"> 1. System will display message no applied jobs or internships. 2. Use case end at this step
Business Rules:	N/A
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application connect with internet

3.2.21 UC-21: View Saved Job and Internship

Use Case ID:	UC-21
Use Case Name:	View Saved Job and Internship
Actors:	Student
Description:	In this use case, student shall be able to view all saved jobs and internships.
Trigger:	Student clicks on saved job button.
Preconditions:	PRE-1. Student is logged-in application.
Postconditions:	POST-1. Saved jobs and internships will be shown successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on job section in menu. 2. Job section opens in which all jobs and internships will be shown.

	<ol style="list-style-type: none"> 3. In job section saved jobs button on top right corner. 4. Student clicks on saved job button. 5. Saved jobs or internships will be shown successfully. 6. Use case end at this step
Alternative Flows:	N/A
Exceptions:	4a. If student not save any job or internship <ol style="list-style-type: none"> 1. System will display message no saved jobs or internships. 2. Use case end at this step
Business Rules:	N/A
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application connect with internet

3.2.22 UC -22: Cancel Apply Job and Internship

Use Case ID:	UC-22
Use Case Name:	Cancel Apply Job and Internship
Actors:	Student
Description:	In this use case, student shall be able to cancel applied job and internship.
Trigger:	Student clicks on cancel button.
Preconditions:	PRE-1. Student is logged-in application.
Postconditions:	POST-2. Applied jobs and internships will be cancel successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on job section in menu. 2. Job section opens in which all jobs and internships will be shown. 3. In job section applied jobs button on top right corner. 4. Student clicks on applied job button. 5. Applied jobs or internships will be shown successfully. 6. Applied jobs or internships have a cancel button on right 7. Student clicks on cancel button to cancel applied job 8. Use case end at this step
Alternative Flows:	N/A
Exceptions:	N/A
Business Rules:	N/A
Includes:	UC-21
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application connect with internet

3.2.23 UC-23: Unsave Job and Internship

Use Case ID:	UC-23
Use Case Name:	Unsave Job and Internship
Actors:	Student
Description:	In this use case, student shall be able to unsave saved job and internship.
Trigger:	Student clicks on unsave job button.
Preconditions:	PRE-1. Student is logged-in application.
Postconditions:	POST-1. Jobs and internships will be unsave successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on job section in menu. 2. Job section opens in which all jobs and internships will be shown. 3. In job section saved jobs button on top right corner. 4. Student clicks on saved job button. 5. Saved jobs or internships will be shown successfully. 6. Saved jobs or internships have a unsave button on right

	<ol style="list-style-type: none"> 7. Student clicks on unsave button to unsave saved jobs or internships. 8. Use case end at this step.
Alternative Flows:	N/A
Exceptions:	4a. If student not save any job or internship <ol style="list-style-type: none"> 1. System will display message no saved jobs or internships. 2. Use case end at this step
Business Rules:	N/A
Includes:	UC-22
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application connect with internet

3.2.24 UC-24: View Job and Internship Applicants

Use Case ID:	UC-24
Use Case Name:	View Job and Internship Applicants
Actors:	Company
Description:	In this use case, company shall be able to view all applicants of job and internship.
Trigger:	Company clicks on job applicant's button.
Preconditions:	PRE-1. Company is logged-in application.
Postconditions:	POST-1. Jobs and internships applicants will be shown successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Company clicks on job section in menu. 2. Job section opens in which all jobs and internships will be shown. 3. In job section job applicant's button on top right corner. 4. Company clicks on job applicant's button. 5. Jobs or internships applicants will be shown successfully. 6. Use case end at this step
Alternative Flows:	5a. In step 5 normal flow if company want to see job and internship applicants with search query <ol style="list-style-type: none"> 1. User enter given search parameter in form. 2. User clicks on search icon button. 3. Job and internships applicants will be shown on the basis of search parameters. 4. Use case resume at step 52 of normal flow
Exceptions:	2a. In step 1 of alternative flow if user leave the search parameter <ol style="list-style-type: none"> 1. System notifies user that fields are empty. 2. Use case resume at step 1 of alternative flow
Business Rules:	N/A
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. User must connect to internet.

3.2.25 UC-25: Show Jobless Student

Use Case ID:	UC-25
Use Case Name:	Show Jobless Students
Actors:	University
Description:	In this use case, university shall be able to view jobless students.
Trigger:	University clicks on jobless button in menu
Preconditions:	PRE-1. User is logged-in application.
Postconditions:	POST-1. Jobless student will be shown successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. University clicks on jobless section in menu. 2. Jobless section opens in which all jobless students will be shown

	3. Use case end at this step
Alternative Flows:	N/A
Exceptions:	2a In step 2 of normal flow If no student is jobless <ol style="list-style-type: none"> 1. System display no jobless student found. 2. Use case end at this step.
Business Rules:	N/A
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application connect with internet

3.2.26 UC-26: Add Event

Use Case ID:	UC-26
Use Case Name:	Add Event
Actors:	Company, University
Description:	In this use case, user shall be able to add new events by adding related information
Trigger:	User clicks on add event button
Preconditions:	PRE-1. User is logged-in application.
Postconditions:	POST-1. Event added into system successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on event section in menu. 2. Event section page will open. 3. User clicks on add event button. 4. Event form will be shown on screen. 5. User will fill form according to given fields. 6. User clicks on submit button 7. Event will be added into system 8. Use case end at this step
Alternative Flows:	N/A
Exceptions:	5a. In step 5 of normal flow, if user enters invalid format of information <ol style="list-style-type: none"> 1. System notifies that information format is invalid. 2. Use case resume from step 5 of normal flow. 5b. In step 5 of normal flow, if event form fields are empty <ol style="list-style-type: none"> 1. System notifies user that fields are empty. 2. User case resumes from step 5 of normal flow.
Business Rules:	N/A
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application is connected with internet

3.2.27 UC-27: Update Event

Use Case ID:	UC-27
Use Case Name:	Update Event
Actors:	Company, University
Description:	In this use case, user shall be able to update event.
Trigger:	User clicks on edit button.
Preconditions:	PRE-1. User is logged-in application.
Postconditions:	POST-1. Event will be update successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on event section in menu. 2. Event section opens in which all events will be shown. 3. Events have an edit button on right.

	<ol style="list-style-type: none"> 4. User clicks on edit button 5. Form will be shown with editable fields. 6. User clicks on submit button 7. Event will update successfully. 8. Use case end at this step
Alternative Flows:	N/A
Exceptions:	<p>5a. In step 5 of normal flow, if user enters invalid format of information</p> <ol style="list-style-type: none"> 1. System notifies that information format is invalid. 2. Use case resume from step 5 of normal flow. <p>5b. In step 5 of normal flow, if event form fields are empty</p> <ol style="list-style-type: none"> 1. System notifies user that fields are empty. 2. User case resumes from step 5 of normal flow.
Business Rules:	N/A
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application connect with internet

3.2.28 UC-28: View Event

Use Case ID:	UC-28
Use Case Name:	View Event
Actors:	Company, Student, University
Description:	In this use case, users shall be able to view all events.
Trigger:	User clicks on event button in menu
Preconditions:	PRE-1. User is logged-in application.
Postconditions:	POST-1. Events will be shown on event section
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on event section in menu. 2. Event section opens in which all event will be shown 3. Use case end at this step
Alternative Flows:	N/A
Exceptions:	N/A
Business Rules:	N/A
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application is connected with internet.

3.2.29 UC-29: Delete Event

Use Case ID:	UC-29
Use Case Name:	Delete Event
Actors:	Company, University
Description:	In this use case, user shall be able to delete event.
Trigger:	User clicks on trash icon.
Preconditions:	PRE-1. User is logged-in application.
Postconditions:	POST-1. Event will be delete successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on event section in menu. 2. Event section opens in which all events will be shown. 3. Events have a trash icon on right. 4. User clicks on trash button 5. Event will delete successfully. 6. Use case end at this step

Alternative Flows:	N/A
Exceptions:	N/A
Business Rules:	N/A
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application connect with internet

3.2.30 UC-30: View Job Fair

Use Case ID:	UC-30
Use Case Name:	View Job Fair
Actors:	Company
Description:	In this use case, company shall be able to view all job fair.
Trigger:	Company clicks on job fair button.
Preconditions:	PRE-1. Company is logged-in application.
Postconditions:	POST-1. All job fair will be shown successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Company clicks on event section in menu. 2. Event section opens in which all events will be shown. 3. In events section job fair button on top right corner. 4. Company clicks on job fair button. 5. All job fairs will be shown successfully. 6. Use case end at this step
Alternative Flows:	N/A
Exceptions:	4a. In step 4 of normal flow If no job fair found. <ol style="list-style-type: none"> 1. System will display message no job fair found. 2. Use case end at this step
Business Rules:	N/A
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application connect with internet

3.2.31 UC-31: Add Final Year Project Idea

Use Case ID:	UC-31
Use Case Name:	Add Final Year Project Idea
Actors:	Company
Description:	In this use case, company shall be able to add new final year project idea by adding relative information
Trigger:	Company clicks on add FYP button
Preconditions:	PRE-1. Company is logged-in application.
Postconditions:	POST-1. Final year project idea add into system successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Company clicks on final year project section in menu. 2. Final year project section page will opens. 3. Company clicks on add FYP button. 4. Final year project idea form will be shown on screen. 5. Company will fill form according to given fields. 6. Company clicks on submit button 7. Final year project idea will add into system 8. Use case end at this step
Alternative Flows:	N/A
Exceptions:	5a. In step 5 of normal flow, if company enters invalid format of information <ol style="list-style-type: none"> 1. System notifies that information format is invalid.

	<ol style="list-style-type: none"> 2. Use case resume from step 5 of normal flow. <p>5b. In step 5 of normal flow, if event form fields are empty</p> <ol style="list-style-type: none"> 1. System notifies user that fields are empty. 2. User case resumes from step 5 of normal flow.
Business Rules:	N/A
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application connect with internet

3.2.32 UC-32: View Final Year Project Idea

Use Case ID:	UC-32
Use Case Name:	View Final Year Project Idea
Actors:	Company, Student
Description:	In this use case, users shall be able to view all final year project idea.
Trigger:	User clicks on final year project button in menu
Preconditions:	PRE-1. User is logged-in application.
Postconditions:	POST-1. Final year project ideas will be shown on final year project section
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on final year project section in menu. 2. Final year project section opens in which all final year project ideas will be shown 3. Use case end at this step
Alternative Flows:	N/A
Exceptions:	N/A
Business Rules:	N/A
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application connect with internet

3.2.33 UC-33: Update Final Year Project Idea

Use Case ID:	UC-33
Use Case Name:	Update Final Year Project Idea
Actors:	Company
Description:	In this use case, company shall be able to update final year project idea.
Trigger:	Company clicks on edit icon.
Preconditions:	PRE-1. User is logged-in application.
Postconditions:	POST-1. Final year project idea will be edit successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Company clicks on final year project section in menu. 2. Final year project section opens in which all final year project ideas will be shown. 3. Final year project have an edit button on right. 4. Company clicks on edit button. 5. Form will be shown with editable field 6. Final year project will delete successfully. 7. Use case end at this step
Alternative Flows:	N/A
Exceptions:	<p>5a. In step 5 of normal flow, if company enters invalid format of information</p> <ol style="list-style-type: none"> 3. System notifies that information format is invalid. 4. Use case resume from step 5 of normal flow.

	5b. In step 5 of normal flow, if event form fields are empty 3. System notifies user that fields are empty. User case resumes from step 5 of normal flow.
Business Rules:	N/A
Includes:	N/A.
Assumptions:	1. Student understands English language. 2. Application connect with internet

3.2.34 UC-34: Delete Final Year Project Idea

Use Case ID:	UC-34
Use Case Name:	Delete Final Year Project Idea
Actors:	Company
Description:	In this use case, company shall be able to delete final year project idea.
Trigger:	Company clicks on trash icon.
Preconditions:	PRE-1. User is logged-in application.
Postconditions:	POST-1. Final year project idea will be delete successfully.
Normal Flow:	1. Company clicks on final year project section in menu. 2. Final year project section opens in which all final year project ideas will be shown. Final year project have a trash icon on right. 3. Company clicks on trash button 4. Final year project will delete successfully. 5. Use case end at this step
Alternative Flows:	N/A
Exceptions:	N/A
Business Rules:	N/A
Includes:	N/A.
Assumptions:	1. Student understands English language. 2. Application connect with internet

3.2.35 UC-35: Apply Final Year Project

Use Case ID:	UC-35
Use Case Name:	Apply Final Year Project
Actors:	Student
Description:	In this use case, student shall be able to apply for final year project idea.
Trigger:	Student clicks on apply icon.
Preconditions:	PRE-1. Student is logged-in application.
Postconditions:	POST-1. Final year project will apply successfully.
Normal Flow:	1. Student clicks on final year project section in menu. 2. Final year project section opens in which all final year project idea will be shown. 3. Final year project have a apply button on right. 4. Student clicks on apply button. 5. Student applied for final year project successfully. 6. Use case end at this step
Alternative Flows:	N/A
Exceptions:	4a. If student already apply to final year project 1. Apply button on final year project will not display. 2. Applied text will be shown instead of button. 3. Use case end at this step

	4b. If student see the final year project which apply date pass <ol style="list-style-type: none"> 1. Student unable to apply for that final year project 2. Use case end at this step
Business Rules:	N/A.
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. User understands English language. 2. Application is connected with internet.

3.2.36 UC-36: View Final Year Project Applicants

Use Case ID:	UC-36
Use Case Name:	View Final Year Project Applicants
Actors:	Company
Description:	In this use case, company shall be able to view all applicants of final year project.
Trigger:	Company clicks on FYP applicant's button.
Preconditions:	PRE-1. Company is logged-in application.
Postconditions:	POST-1. Final year project applicants will be shown successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Company clicks on final year project section in menu. 2. Final year project section opens in which all final year project ideas will be shown. 3. In final year project section applicant's button on top right corner. 4. Company clicks on show applicant's button. 5. Final year project applicants will be shown successfully. 6. Use case end at this step
Alternative Flows:	N/A
Exceptions:	4a. In step 4 of normal flow If no student apply to any final year project <ol style="list-style-type: none"> 1. System will display message no final year project applicant found. 2. Use case end at this step
Business Rules:	N/A
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application is connected with internet.

3.2.37 UC-37: Chat

Use Case ID:	UC-37
Use Case Name:	Chat
Actors:	Company, Student, University
Description:	In this use case, users shall be able to message with other users. Company shall be able to message university and student. Students shall be able to message company and university. University shall be able to message student and company
Trigger:	User clicks on chat button
Preconditions:	PRE-1. User is logged-in application.
Postconditions:	POST-1. User chat with each other successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on chat section in menu. 2. Chat section page will opens. 3. User select the person. 4. User start chat with that selected person. 5. Use case end at this step
Alternative Flows:	N/A
Exceptions:	4a. In step 4 of normal flow, if message form fields are empty

	<ol style="list-style-type: none"> 1. System notifies user that fields are empty. 2. User case resumes from step 4 of normal flow.
Business Rules:	N/A
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application is connected with internet.

3.2.38 UC-38: Add Challenge

Use Case ID:	UC-38
Use Case Name:	Add Challenge
Actors:	Company
Description:	In this use case, company shall be able to add new challenge by adding relative information
Trigger:	Company clicks on add challenge button
Preconditions:	PRE-1. Company is logged-in application.
Postconditions:	POST-1. Challenge idea add into system successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Company clicks on challenge section in menu. 2. Challenge section page will opens. 3. Company clicks on add challenge button. 4. Challenge form will be shown on screen. 5. Company will fill form according to given fields. 6. Company clicks on submit button 7. Challenge will add into system 8. Use case end at this step
Alternative Flows:	N/A
Exceptions:	<p>5a. In step 5 of normal flow, if company enters invalid format of information</p> <ol style="list-style-type: none"> 1. System notifies that information format is invalid. 2. Use case resume from step 5 of normal flow. <p>5b. In step 5 of normal flow, if event form fields are empty</p> <ol style="list-style-type: none"> 1. System notifies user that fields are empty. 2. User case resumes from step 5 of normal flow.
Business Rules:	N/A
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application is connected with internet.
Notes and Issues:	N/A

3.2.39 UC-39: View Challenge

Use Case ID:	UC-39
Use Case Name:	View Challenge
Actors:	Company, Student
Description:	In this use case, users shall be able to view all challenges.
Trigger:	User clicks on challenge button in menu
Preconditions:	PRE-1. User is logged-in application.
Postconditions:	POST-1. Challenge will be shown on challenge section
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on challenge section in menu. 2. Challenge section opens in which all challenges will be shown 3. Use case end at this step
Alternative Flows:	N/A

Exceptions:	N/A
Business Rules:	N/A
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application is connected with internet.

3.2.40 UC-40: Update Challenge

Use Case ID:	UC-40
Use Case Name:	Update Challenge
Actors:	Company
Description:	In this use case, company shall be able to update challenge
Trigger:	Company clicks on edit button.
Preconditions:	PRE-1. User is logged-in application.
Postconditions:	POST-1. Challenge will be updated successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Company clicks on challenge section in menu. 2. Challenge section opens in which all challenges will be shown. 3. Challenge have an edit button on right. 4. Company clicks on edit button 5. Form will be shown on screen. 6. Company will fill form. 7. Company will click on submit button. 8. Challenge will update successfully. 9. Use case end at this step
Alternative Flows:	N/A
Exceptions:	<p>5a. In step 5 of normal flow, if company enters invalid format of information</p> <ol style="list-style-type: none"> 1. System notifies that information format is invalid. 2. Use case resume from step 5 of normal flow. <p>5b. In step 5 of normal flow, if event form fields are empty</p> <ol style="list-style-type: none"> 1. System notifies user that fields are empty. 2. User case resumes from step 5 of normal flow.
Business Rules:	N/A
Includes:	UC-40
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application is connected with internet.

3.2.41 UC-41: Delete Challenge

Use Case ID:	UC-41
Use Case Name:	Delete Challenge
Actors:	Company
Description:	In this use case, company shall be able to delete challenge
Trigger:	Company clicks on trash icon.
Preconditions:	PRE-1. User is logged-in application.
Postconditions:	POST-1. Challenge will be delete successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Company clicks on challenge section in menu. 2. Challenge section opens in which all challenges will be shown. 3. Challenge have a trash icon on right. 4. Company clicks on trash button 5. Challenge will delete successfully. 6. Use case end at this step

Alternative Flows:	N/A
Exceptions:	N/A
Business Rules:	N/A
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application is connected with internet.

3.2.42 UC-42: Submit Challenge Solution

Use Case ID:	UC-42
Use Case Name:	Submit Challenge Solution
Actors:	Student
Description:	In this use case, student shall be able to submit solution using the help of link.
Trigger:	Student clicks on submit solution button.
Preconditions:	PRE-1. Student is logged-in application.
Postconditions:	POST-1. Challenge solution link will be sent successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on challenge section in menu. 2. Challenge section opens in which all challenges will be shown. 3. In challenge section add solution button shown on right side. 4. Form will show on screen. 5. Student enter challenge solution link 6. Clicks submit solution button solution link will be sent successfully. 7. Use case end at this step
Alternative Flows:	N/A
Exceptions:	4a. In step 4 of normal flow If student not leave empty field of form <ol style="list-style-type: none"> 1. System will display message enter solution link please 2. Use case end at this step
Business Rule:	N/A
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application is connected with internet.

3.2.43 UC-43: View Attempt Challenge

Use Case ID:	UC-43
Use Case Name:	View Attempt Challenge
Actors:	Student
Description:	In this use case, student shall be able to view all attempt challenge.
Trigger:	Student clicks on attempt challenge button.
Preconditions:	PRE-1. Student is logged-in application.
Postconditions:	POST-1. Attempt challenges will be shown successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Student clicks on challenge section in menu. 2. Challenge section opens in which all challenges will be shown. 3. In challenge section attempt challenges button on top right corner. 4. Student clicks on attempt challenge button. 5. Attempt challenges will be shown successfully. 6. Use case end at this step
Alternative Flows:	N/A
Exceptions:	4a. In step 4 of normal flow If student not attempt any challenge <ol style="list-style-type: none"> 1. System will display message no attempt challenges found. 2. Use case end at this step

Business Rules:	N/A
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application is connected with internet.

3.2.44 UC-44: View Submitted Challenge

Use Case ID:	UC-44
Use Case Name:	View Submitted Challenge
Actors:	Company
Description:	In this use case, company shall be able to view all submitted challenge solution links of students.
Trigger:	Company clicks on submitted challenge button.
Preconditions:	PRE-1. Company is logged-in application.
Postconditions:	POST-1. Solution links will be shown successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Company clicks on challenge section in menu. 2. Challenge section opens in which all challenges will be shown. 3. In challenge section submitted solution button on top right corner. 4. Company clicks on show submitted solution button. 5. All submitted challenge solution will be shown successfully. 6. Use case end at this step
Alternative Flows:	N/A
Exceptions:	4a. In step 4 of normal flow If no student submit any challenge solution <ol style="list-style-type: none"> 1. System will display message no submitted challenge solution found. 2. Use case end at this step
Business Rules:	N/A
Includes:	N/A.
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application is connected with internet.

3.2.45 UC-45: Logout

Use Case ID:	UC-45
Use Case Name:	Logout
Actors:	Company, Student, University
Description:	In this use case, user shall be able logout from system.
Trigger:	User clicks on logout button.
Preconditions:	PRE-1. User is logged into system.
Post conditions:	POST-1. The user is logout from system successfully
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on menu in navbar. 2. Menu will display to user. 3. User clicks on logout button. 4. User will logout to system. 5. Login page will show to user. 6. Use case end at this step
Alternative Flow:	N/A
Exceptions:	N/A
Business Rules:	BR-1. No one can use the login session after a user has successfully logged out.
Includes:	UC-1
Assumptions:	<ol style="list-style-type: none"> 1. Student understands English language. 2. Application is connected with internet.

3.2.46 UC-46: Forgot Password

Use Case ID:	UC-46
Use Case Name:	Forgot Password
Actors:	Company, Student, University
Description:	In this use case, user shall be able reset password to get access back to the system.
Trigger:	User clicks on forgot password button in login form.
Preconditions:	PRE-1. User must have registered account in the system.
Post conditions:	POST-1. The system resets the user password
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on forgot password button. 2. Reset password form will display to user. 3. User enters email address or username in form. 4. User opens the special URL sent via email. 5. User enters the new password. 6. User re-enters the new password again for confirmation. 7. System updates the user's password. 8. Use case end at this step
Alternative Flow:	N/A
Exceptions:	3a. In step 3 of normal flow, if user enter incorrect email or username: <ol style="list-style-type: none"> 1. System will show error message to the user that "The user with the entered email or username is not found." 2. Use case resume at step 3.
Business Rules:	BR-1. Reset password only send on email.
Includes:	N/A
Assumptions:	<ol style="list-style-type: none"> 3. Student understands English language. 4. Application is connected with internet.

4. Functional Requirements

Following are the functional requirement for Hath Milao.

4.1 FR-1: Authenticate users for login

Identifier	FR-1
Title	Authenticate users for login
Requirement	System shall authenticate user email and password in login form by matching it with the data stored in the system.
Source	Supervisor
Rationale	To ensure only authenticated users can use the app.
Business Rule(if required)	Email and password should be correct.
Dependencies	N/A
Priority	High

4.2 FR-2: Authenticate Users for Registration

Identifier	FR-2
Title	Authenticate users for registration
Requirement	System shall authenticate user sign up credentials which include username and email by matching it with the data stored in the system to decide such account can be created or not.
Source	Supervisor
Rationale	This will limit user to have only 1 account against 1 email.
Business Rule(if required)	Email and username should be unique in order to register account.
Dependencies	N/A
Priority	High

4.3 FR-3: Verify Email Format

Identifier	FR-3
Title	Verify Email Format
Requirement	System shall check the format of the provided email
Source	Supervisor
Rationale	To check entered email in correct format or not.
Business Rule(if required)	Email should store in correct format.
Dependencies	FR-1, FR-2
Priority	High

4.4 FR-4: Verify Password Format

Identifier	FR-4
Title	Verify Password Format
Requirement	System shall check the format of the provided password
Source	Supervisor
Rationale	The password must be strong to secure the credentials.
Business Rule(if required)	The password must be minimum of 8 characters with special characters and a digit must be used.
Dependencies	FR-1, FR-2
Priority	High

4.5 FR-5: Create User Profile

Identifier	FR-5
Title	Create User Profile
Requirement	System shall store the data entered by user in the database
Source	Supervisor

Rationale	The storage of user's personal information to use in case of an user to see profile of each other
Business Rule(if required)	Every user can have only one profile.
Dependencies	N/A
Priority	High

4.6 FR-6: Update Profile Information

Identifier	FR-6
Title	Update Profile Information
Requirement	The system shall update the existing personal information of profile with the new entries.
Source	Supervisor
Rationale	To ensure that the user will store the updated record in the application
Business Rule(if required)	N/A
Dependencies	FR-5
Priority	High

4.7 FR-7: Check Login Status

Identifier	FR-7
Title	Check Login Status
Requirement	System shall check if user is logged into system or not.
Source	Supervisor
Rationale	To ensure that the only authenticated user will use the application
Business Rule(if required)	Without log into system user can't use the application features
Dependencies	FR-1
Priority	High

4.8 FR-8: Follow Company

Identifier	FR-8
Title	Follow Company
Requirement	Student shall be able to follow the companies.
Source	Supervisor
Rationale	Student will receive the notification of that company.
Business Rule(if required)	N/A
Dependencies	N/A
Priority	Medium

4.9 FR-9: Unfollow Company

Identifier	FR-9
Title	Unfollow Company
Requirement	Student shall be able to unfollow company.
Source	Supervisor
Rationale	Student will not receive the notification of that company
Business Rule(if required)	Student who follow the company have option to unfollow company.
Dependencies	FR-8
Priority	Low

4.10 FR-10: View Notifications

Identifier	FR-10
Title	View Notifications
Requirement	Student shall be able to view the notifications.
Source	Supervisor
Rationale	Student easily see the received notifications
Business Rule(if required)	N/A
Dependencies	FR-8, FR-11
Priority	Medium

4.11 FR-11: Send Notifications

Identifier	FR-11
Title	Send Notifications
Requirement	System shall send notifications to only those students who follows that particular company
Source	Supervisor
Rationale	To ensure that student receive new notifications easily.
Business Rule(if required)	Notification will only be send to those who follows that company
Dependencies	FR-8
Priority	Medium

4.12 FR-12: Add Education

Identifier	FR-12
Title	Add Education
Requirement	Student shall be able to add education related information
Source	Supervisor
Rationale	The storage of this information help in case when we send profile to

	company
Business Rule(if required)	Only registered student can add education related information.
Dependencies	FR-5
Priority	High

4.13 FR-13: Delete Education

Identifier	FR-13
Title	Delete Education
Requirement	Student shall be able to delete education related information
Source	Supervisor
Rationale	If student enter wrong education information so he/she have option to delete it
Business Rule(if required)	N/A
Dependencies	FR-12
Priority	Medium

4.14 FR-14: Update Education

Identifier	FR-14
Title	Update Education
Requirement	Student shall be able to update education related information
Source	Supervisor
Rationale	To ensure that the student will store the updated education record in the application
Business Rule(if required)	N/A
Dependencies	FR-12
Priority	High

4.15 FR-15: Add Experience

Identifier	FR-15
Title	Add Experience
Requirement	Student shall be able to add experience related information
Source	Supervisor
Rationale	Adding experience will make cv of that student strong and that student will have more chances of getting selected by company
Business Rule(if required)	Only registered student can add experience related information.
Dependencies	FR-5
Priority	High

4.16 FR-16: Delete Experience

Identifier	FR-16
Title	Delete Experience
Requirement	Student shall be able to delete experience related information
Source	Supervisor
Rationale	If student enter wrong experience information so he/she have option to delete it
Business Rule(if required)	N/A
Dependencies	FR-15
Priority	Medium

4.17 FR-17: Update Experience

Identifier	FR-17
Title	Update Experience
Requirement	Student shall be able to update experience related information
Source	Supervisor
Rationale	To ensure that the student will store the updated experience record in system.
Business Rule(if required)	N/A
Dependencies	FR-15
Priority	Medium

4.18 FR-18: Upload Profile Image

Identifier	FR-18
Title	Upload Profile Image
Requirement	Users shall be able to upload their profile image.
Source	Supervisor
Rationale	It is a good to include professional image in profile and CV.
Business Rule(if required)	N/A
Dependencies	FR-5, FR-20
Priority	High

4.19 FR-19: Update Profile Image

Identifier	FR-19
Title	Update Profile Image
Requirement	Users shall be able to update their profile image.
Source	Supervisor
Rationale	To ensure that the users will store the updated profile image record in

	the application
Business Rule(if required)	N/A
Dependencies	FR-18
Priority	High

4.20 FR-20: Verify Profile Image Size

Identifier	FR-20
Title	Verify Profile Image Size
Requirement	System shall check the size of the upload image not greater than 5mb.
Source	Supervisor
Rationale	To ensure that profile file size is 5mb so easily load and store that file
Business Rule(if required)	Image size not greater than 5mb.
Dependencies	FR-18, FR-19
Priority	Medium

4.21 FR-21: Add Job and Internship

Identifier	FR-21
Title	Add Job and Internship
Requirement	Company shall be able add new job and internship
Source	Supervisor
Rationale	Company will add new job and internship so later it will display to students
Business Rule(if required)	Only registered company add new job and internship
Dependencies	N/A
Priority	High

4.22 FR-22: View Job and Internship

Identifier	FR-22
Title	View Job and Internship
Requirement	Users shall be able to view all the jobs and internships added by company
Source	Supervisor
Rationale	Student will see the jobs and internships for apply
Business Rule(if required)	N/A
Dependencies	FR-21
Priority	High

4.23 FR-23: Update Job and Internship

Identifier	FR-23
Title	Update Job and Internship
Requirement	Company shall be able to update job and internship
Source	Supervisor
Rationale	Company will update job and internship so that students can see updated job information.
Business Rule(if required)	N/A
Dependencies	FR-21
Priority	Medium

4.24 FR-24: Search Job and Internship

Identifier	FR-24
Title	Search Job and Internship
Requirement	User shall be able to search job and internship according to given parameters
Source	Supervisor
Rationale	User will view job and internship of their search parameter easily.
Business Rule(if required)	N/A
Dependencies	FR-22
Priority	High

4.25 FR-25: Delete Job and Internship

Identifier	FR-25
Title	Delete Job and Internship
Requirement	Company will be able to delete job and internship
Source	Supervisor
Rationale	If company enter wrong job and internship information so company have option to delete it
Business Rule(if required)	N/A
Dependencies	FR-21
Priority	Medium

4.26 FR-26: Apply Job and Internship

Identifier	FR-26
Title	Apply Job and Internship
Requirement	Student shall be able to apply for a particular job and internship offered by company

Source	Supervisor
Rationale	Student can apply easily to job and internship
Business Rule(if required)	Only registered student can apply for job and internship
Dependencies	FR-21
Priority	High

4.27 FR-27: Cancel Applied Job and Internship

Identifier	FR-27
Title	Cancel Applied Job and Internship
Requirement	Student shall be able to cancel applied job and internship offered by company
Source	Supervisor
Rationale	Student will easily cancel applied job and internship
Business Rule(if required)	N/A
Dependencies	FR-26
Priority	Medium

4.28 FR-28: Show Job and Internship Applicant

Identifier	FR-28
Title	Show Job and Internship Applicants
Requirement	Company shall be able view all job and internship applicants with their profile information
Source	Supervisor
Rationale	Company can easily view applicant information on portal.
Business Rule(if required)	N/A
Dependencies	FR-26
Priority	High

4.29 FR-29: View Applied Job and Internship

Identifier	FR-29
Title	View Applied Job and Internship
Requirement	Student shall be able to view all applied job and internship
Source	Supervisor
Rationale	Student can view the history of applied job and internship.
Business Rule(if required)	N/A
Dependencies	FR-26
Priority	High

4.30 FR-30: Save Job and Internship

Identifier	FR-30
Title	Save Job and Internship
Requirement	Student shall be able to save a particular job and internship offered by company
Source	Supervisor
Rationale	Student can easily save job and internship for future
Business Rule(if required)	N/A
Dependencies	FR-22
Priority	High

4.31 FR-31: Unsave Job and Internship

Identifier	FR-31
Title	Unsave Job and Internship
Requirement	Student shall be able to unsave a particular job and internship offered by company
Source	Supervisor
Rationale	Student can easily unsave job and internship.
Business Rule(if required)	N/A
Dependencies	FR-30
Priority	Medium

4.32 FR-32: View Saved Job and Internship

Identifier	FR-32
Title	View Saved Job and Internship
Requirement	Student shall be able to view all saved job and internship
Source	Supervisor
Rationale	Student can view the history of saved job and internship.
Business Rule(if required)	N/A
Dependencies	FR-30
Priority	Low

4.33 FR-33: Add Final Year Project

Identifier	FR-33
Title	Add Final Year Project
Requirement	Company shall be able to add new final year project idea
Source	Supervisor

Rationale	Company will add final year project so later it will display to students
Business Rule(if required)	Only registered company add new final year project.
Dependencies	N/A
Priority	High

4.34 FR-34: View Final Year Project

Identifier	FR-34
Title	View Final Year Project
Requirement	Users shall be able to view all final year project ideas added by company.
Source	Supervisor
Rationale	Student will see the final year project idea in order to apply.
Business Rule(if required)	N/A
Dependencies	FR-33
Priority	High

4.35 FR-35: Delete Final Year Project

Identifier	FR-35
Title	Delete Final Year Project
Requirement	Company will be able to delete final year project idea.
Source	Supervisor
Rationale	If company enter wrong final year project idea information so company have option to delete it.
Business Rule(if required)	N/A
Dependencies	FR-33
Priority	High

4.36 FR-36: Update Final Year Project

Identifier	FR-36
Title	Update Final Year Project
Requirement	Company shall be able to update final year project.
Source	Supervisor
Rationale	Company will update final year project so that students can see updated final year project idea information.
Business Rule(if required)	N/A
Dependencies	FR-33
Priority	High

4.37 FR-37: Apply Final Year Project Idea

Identifier	FR-37
Title	Apply Final Year Project
Requirement	Student shall be able to apply for a particular final year project idea offered by company.
Source	Supervisor
Rationale	Student can apply easily to final year project idea.
Business Rule(if required)	N/A
Dependencies	FR-33, FR-34
Priority	High

4.38 FR-38: Cancel Applied Final Year Project

Identifier	FR-38
Title	Cancel Applied Final Year Project
Requirement	Student shall be able to cancel applied final year project idea offered by company
Source	Supervisor
Rationale	Student will easily cancel applied final year project idea
Business Rule(if required)	N/A
Dependencies	FR-37
Priority	High

4.39 FR-39: Show Final Year Project Applicants

Identifier	FR-39
Title	Show Final Year Project Applicants
Requirement	Company shall be able view all final year project applicants with their profile information
Source	Supervisor
Rationale	Company can easily view applicant information on portal.
Business Rule(if required)	N/A
Dependencies	FR-37
Priority	High

4.40 FR-40: View Applied Final Year Project Idea

Identifier	FR-40
Title	View Applied Final Year Project
Requirement	Student shall be able to view all applied final year project
Source	Supervisor

Rationale	Student can view the history of applied final year project.
Business Rule(if required)	N/A
Dependencies	FR-37
Priority	High

4.41 FR-41: Add Event

Identifier	FR-41
Title	Add Event
Requirement	Company shall be able add new event.
Source	Supervisor
Rationale	Company will add new event so later it will be displayed.
Business Rule(if required)	Only registered company add new event.
Dependencies	N/A
Priority	High

4.42 FR-42: View Event

Identifier	FR-42
Title	View Event
Requirement	Users shall be able to view all events added by company and university
Source	Supervisor
Rationale	User will see the event so that they can attend easily
Business Rule(if required)	N/A
Dependencies	FR-41
Priority	High

4.43 FR-43: Delete Event

Identifier	FR-43
Title	Delete Event
Requirement	Company and university shall be able to delete event.
Source	Supervisor
Rationale	If company and university enter wrong event information so they have option to delete it
Business Rule(if required)	N/A
Dependencies	FR-41
Priority	Low

4.44 FR-44: Update Event

Identifier	FR-44
Title	Update Event
Requirement	Company and university shall be able to update event.
Source	Supervisor
Rationale	Company will update event so that users can see updated event information.
Business Rule(if required)	N/A
Dependencies	FR-41
Priority	Medium

4.45 FR-45: Register Event

Identifier	FR-45
Title	Register Event
Requirement	Users shall be able to register for a particular event.
Source	Supervisor
Rationale	Users can register event so that event organizer will know in advance who will come or who will not.
Business Rule(if required)	N/A
Dependencies	FR-41
Priority	High

4.46 FR-46: Cancel Registered Event

Identifier	FR-46
Title	Cancel Registered Event
Requirement	Users shall be able to cancel registered event.
Source	Supervisor
Rationale	Users will easily cancel registered event.
Business Rule(if required)	N/A
Dependencies	FR-45
Priority	Medium

4.47 FR-47: View Event Participants

Identifier	FR-47
Title	View Event Participants
Requirement	Company and university shall be able to view all event's participants
Source	Supervisor
Rationale	Company and university can easily view event's participants

	information on portal.
Business Rule(if required)	N/A
Dependencies	FR-45
Priority	High

4.48 FR-48: View Registered Events

Identifier	FR-48
Title	View Registered Event
Requirement	Users shall be able to view all registered events
Source	Supervisor
Rationale	Users can view the history of registered events.
Business Rule(if required)	N/A
Dependencies	FR-45
Priority	High

4.49 FR-49: View Job Fair Events

Identifier	FR-49
Title	View Job Fairs Event
Requirement	Company shall be able to view all job fairs events
Source	Supervisor
Rationale	Company can view the job fair of university so that they will participant in this event.
Business Rule(if required)	N/A
Dependencies	FR-41
Priority	Medium

4.50 FR-50: Add Challenge

Identifier	FR-50
Title	Add Challenge
Requirement	Company shall be able add new challenge
Source	Supervisor
Rationale	Company will add challenges so that students can view and attempt them.
Business Rule(if required)	Only registered company add new challenge
Dependencies	N/A
Priority	High

4.51 FR-51: View Challenge

Identifier	FR-51
Title	View Challenge
Requirement	Students shall be able to view all challenges added by company
Source	Supervisor
Rationale	Student will see challenges and solve it to improve their skills.
Business Rule(if required)	N/A
Dependencies	FR-50
Priority	High

4.52 FR-52: Delete Challenge

Identifier	FR-52
Title	Delete Challenge
Requirement	Company will be able to delete challenge
Source	Supervisor
Rationale	If company enter wrong challenge information so company have option to delete it
Business Rule(if required)	N/A
Dependencies	FR-50
Priority	Medium

4.53 FR-53: Update Challenge

Identifier	FR-53
Title	Update Challenge
Requirement	Company shall be able to update challenges
Source	Supervisor
Rationale	Company will update challenges so that students can see updated information.
Business Rule(if required)	N/A
Dependencies	FR-50
Priority	High

4.54 FR-54: Attempt Challenge

Identifier	FR-54
Title	Attempt Challenge
Requirement	Student shall be able to attempt any kind of challenge offered by different companies.
Source	Supervisor

Rationale	Student can attempt challenges easily
Business Rule(if required)	N/A
Dependencies	FR-51
Priority	High

4.55 FR-55: Cancel Attempted Challenge

Identifier	FR-55
Title	Cancel Attempt Challenge
Requirement	Student shall be able to cancel attempt challenge offered by company
Source	Supervisor
Rationale	Student will easily cancel attempt challenge.
Business Rule(if required)	N/A
Dependencies	FR-54
Priority	Medium

4.56 FR-56: Show Challenge Submitted Solution

Identifier	FR-56
Title	Show Challenge Submitted Solution
Requirement	Company shall be able to view all challenges solution submitted by students.
Source	Supervisor
Rationale	Company can easily view submit solution information so that they evaluate the solution of student.
Business Rule(if required)	N/A
Dependencies	FR-54
Priority	High

4.57 FR-57: View Attempt Challenge

Identifier	FR-57
Title	View Attempt Challenge
Requirement	Student shall be able to view all attempted challenges
Source	Supervisor
Rationale	Student can view the history of attempt challenges.
Business Rule(if required)	N/A
Dependencies	FR-54
Priority	High

4.58 FR-58: Submit Challenge Solution

Identifier	FR-58
Title	Submit Challenge Solution
Requirement	Student shall be able to submit a solution link of challenge.
Source	Supervisor
Rationale	Student can upload the solution link.
Business Rule(if required)	N/A
Dependencies	FR-54
Priority	High

4.59 FR-59: Give Challenge Rating

Identifier	FR-59
Title	Give Challenge Rating
Requirement	Company shall be able to give rating according to submit solution.
Source	Supervisor
Rationale	Company can evaluate the solution on the basis of rating of submitted solution.
Business Rule(if required)	Only registered company can give rating to solution of challenge.
Dependencies	FR-
Priority	Medium

4.60 FR-60: View Challenge Rating

Identifier	FR-60
Title	View Challenge Rating
Requirement	Student shall be able to see the rating of submitted challenge solution
Source	Supervisor
Rationale	Student will see the challenge rating and evaluate their self.
Business Rule(if required)	Only registered student who submit the solution of challenge can see the rating.
Dependencies	FR-59
Priority	Medium

4.61 FR-61: Send Message

Identifier	FR-61
Title	Send Message
Requirement	Users shall be able send message with each other
Source	Supervisor
Rationale	Users can send message with each other and resolve any query they

	have.
Business Rule(if required)	Only registered users can send messages.
Dependencies	N/A
Priority	Medium

4.62 FR-62: Receive Message

Identifier	FR-62
Title	Receive Message
Requirement	User shall be able to receive messages.
Source	Supervisor
Rationale	Users can receive message and reply them according
Business Rule(if required)	N/A
Dependencies	FR-61
Priority	Medium

4.63 FR-63: View Message

Identifier	FR-63
Title	View Message
Requirement	Users shall be able to view receive message.
Source	Supervisor
Rationale	Users see the message and reply them at time.
Business Rule(if required)	N/A
Dependencies	FR-62
Priority	Medium

4.64 FR-64: View Chat Conversation

Identifier	FR-64
Title	View Chat Conversation
Requirement	Users shall be able to see the complete conversation that he/she did with other users.
Source	Supervisor
Rationale	Users see the history of message.
Business Rule(if required)	N/A
Dependencies	FR-61, FR-62
Priority	High

4.65 FR-65: Show Statistics Graph to Student

Identifier	FR-65
Title	Show Statistics Graph to Students
Requirement	Students shall be able to see statistics in graph like how many jobs they apply this month, etc.
Source	Supervisor
Rationale	Student easily see the statistics information in graph
Business Rule(if required)	N/A
Dependencies	N/A
Priority	High

4.66 FR-66: Show Statistics Graph to Company

Identifier	FR-66
Title	Show Statistics Graph to Company
Requirement	Company shall be able to see statistics in graph like how many people apply for particular job, etc.
Source	Supervisor
Rationale	Company easily see the statistics information in graph
Business Rule(if required)	N/A
Dependencies	N/A
Priority	High

4.67 FR-67: Show Statistics Graph to University

Identifier	FR-67
Title	Show Statistics Graph to University
Requirement	University shall be able to see statistics in graph like how many student are jobless etc.
Source	Supervisor
Rationale	University easily see the statistics information in graph
Business Rule(if required)	N/A
Dependencies	N/A
Priority	High

4.68 FR-68: Show Recommended Job and Internship to Student

Identifier	FR-68
Title	Show Recommended Job and Internship to Student
Requirement	System shall be able to show recommended job and internship to students on the basis of their skills.

Source	Supervisor
Rationale	Student easily find job related to their skill
Business Rule(if required)	N/A
Dependencies	N/A
Priority	Medium

4.69 FR-69: Show Recommended Students to Company

Identifier	FR-69
Title	Show Recommended Students to Company
Requirement	System shall be able to show recommend students to company on the basis of their specialties.
Source	Supervisor
Rationale	Company can easily find right candidate for job
Business Rule(if required)	N/A
Dependencies	N/A
Priority	Medium

4.70 FR-70: Show Jobless Students to University

Identifier	FR-70
Title	Show Jobless Students to University
Requirement	System shall be able to show jobless student to university.
Source	Supervisor
Rationale	University can easily see the jobless student and help them.
Business Rule(if required)	N/A
Dependencies	N/A
Priority	High

4.71 FR-71: Logout

Identifier	FR-71
Title	Logout
Requirement	User shall be able to logout from system
Source	Supervisor
Rationale	If user want to destroy session of login
Business Rule(if required)	No one can use the login session after a user has successfully logged out
Dependencies	N/A
Priority	Medium

4.72 FR-72: Forgot Password

Identifier	FR-72
Title	Forgot Password
Requirement	User shall be able to reset password.
Source	Supervisor
Rationale	If user forgot password User have option to reset password
Business Rule(if required)	N/A
Dependencies	N/A
Priority	High

5. Non-Functional Requirements

Following are the nonfunctional requirements for Hath Milao.

5.1 Usability

USE-1: User should take maximum of 10 minutes to understand the basic functionality of system. We will minimize the number of clicks so user easily learn with simple navigation. We will design a simple and elegant user interface that is easy to use.

5.2 Modularity

MOD-1: System will be developed in modular way. Modularity increases efficiency of the system. Modular systems are also reusable. Modular development is fast and meaningful also. We will divide our system into different class and module so later we reuse it.

5.3 Scalability

SCA-1: System will be developed using MongoDB as it supports scalability so system will be able to achieve this feature. System will be developed in a modular way in which it is easily scalable and enhancements are easily integrated in the system.

5.4 Performance

PER-1: System will be very responsive in terms of every clicks that have minimum time of 0.5 sec. The average response time should be 3 second per user query and the maximum response time should not be greater than 7 second per user query. The design of the system is optimized to make best use of the available resources and expected load. Bundling files together and producing fewer files improves performance. With the help of cache memory we will store necessary thing in it. We also load minimum data in client browser so that our application run smoothly.

5.5 Security

SEC-1: Information of the user will be secure because of the REST architecture used with two-way authentication

6. References

1. [Software Requirements: Practical Techniques for Gathering and Managing Requirements Throughout the Product Development Cycle Karl Wiegars](#)
2. [Software Engineering \(10th Edition\) 10th Edition by Ian Sommerville](#)
3. [Responsive Web Design Guidelines by IEEE Sites](#)