

Gebze Technical University
CSE343 Software Project
Team Unexpected
2nd Presentation Report

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Fitness Project Story

Arda is a fitness trainer in a fitness club. He has lots of trainer friends. In pandemic situation their clubs was closed because of social distance and so on. He thought how he can solve this problem. He decided to set up an on-line platform that people can make fitness reservations as on-line. People don't have to come to fitness clubs. The trainer will come to wherever student want. The student may want to do sport in the sport saloon in his building or he may want to go to a fitness club nearest to him/her. The trainer comes to wherever he/she want.

Arda also thought that this system should also have a blog about health etc. To hold users in this website. The editors will share some contents. Users may ask some questions or make some comments under the post.

Arda asked to some software firms and asked to some his friends. Then one of his friend tell these to his a computer engineering friend. The friend said he can make this project with his some friends from school. After a while they compromised and the students started to the project.

Scenarios

Trainer Reservation

Initial Assumption: A user of group that want to make some reservation with a trainer on a time. The user must be logged in.

Normal: The user looks for trainers in the web site. He / she looks the reviews and ratings in the trainer's profile page. Then selects a trainer with a date and place. Lastly pays as on-line.

What can go wrong: There may be a problem about payment.

Other Activities: The student can rate and make a review about the trainer after the date. The student can contact with the trainer.

System state on completion: The student had reserved the time on the calendar of the trainer. The trainer informed with a mail and message on web site.

Content Sharing on the Blog

Initial Assumption: An editor of the system want to share a content / contents on the blog.

Normal: The editor uploads his / her content (videos, photos, text) and choose a publishing time. An approval mail and a message is sent to the admin.

What can go wrong: The content may have some some problems. The admin informs the editor about it.

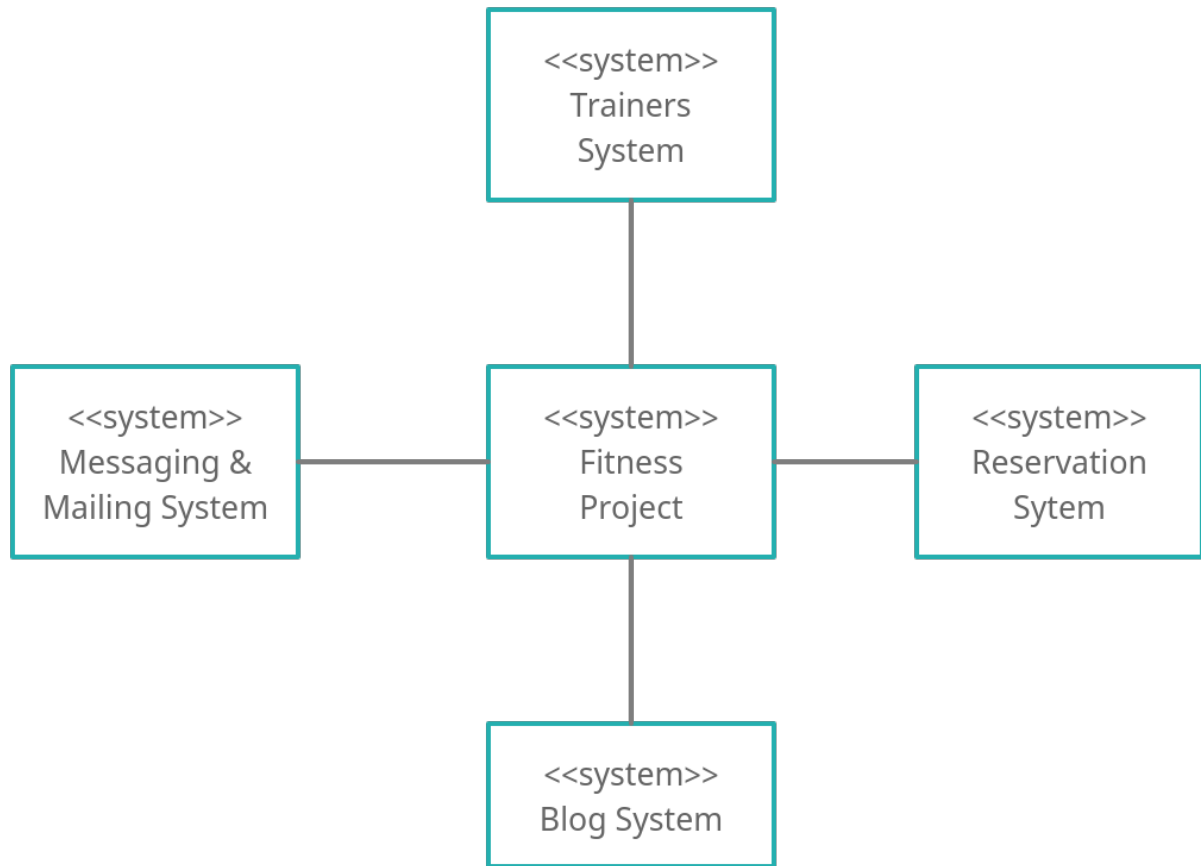
Other Activities: The users may make some comments about the content. The editor who uploaded the content can make some changes.

System state on completion: The content had uploaded and it waiting for approval or publishing date or may be not accepted.

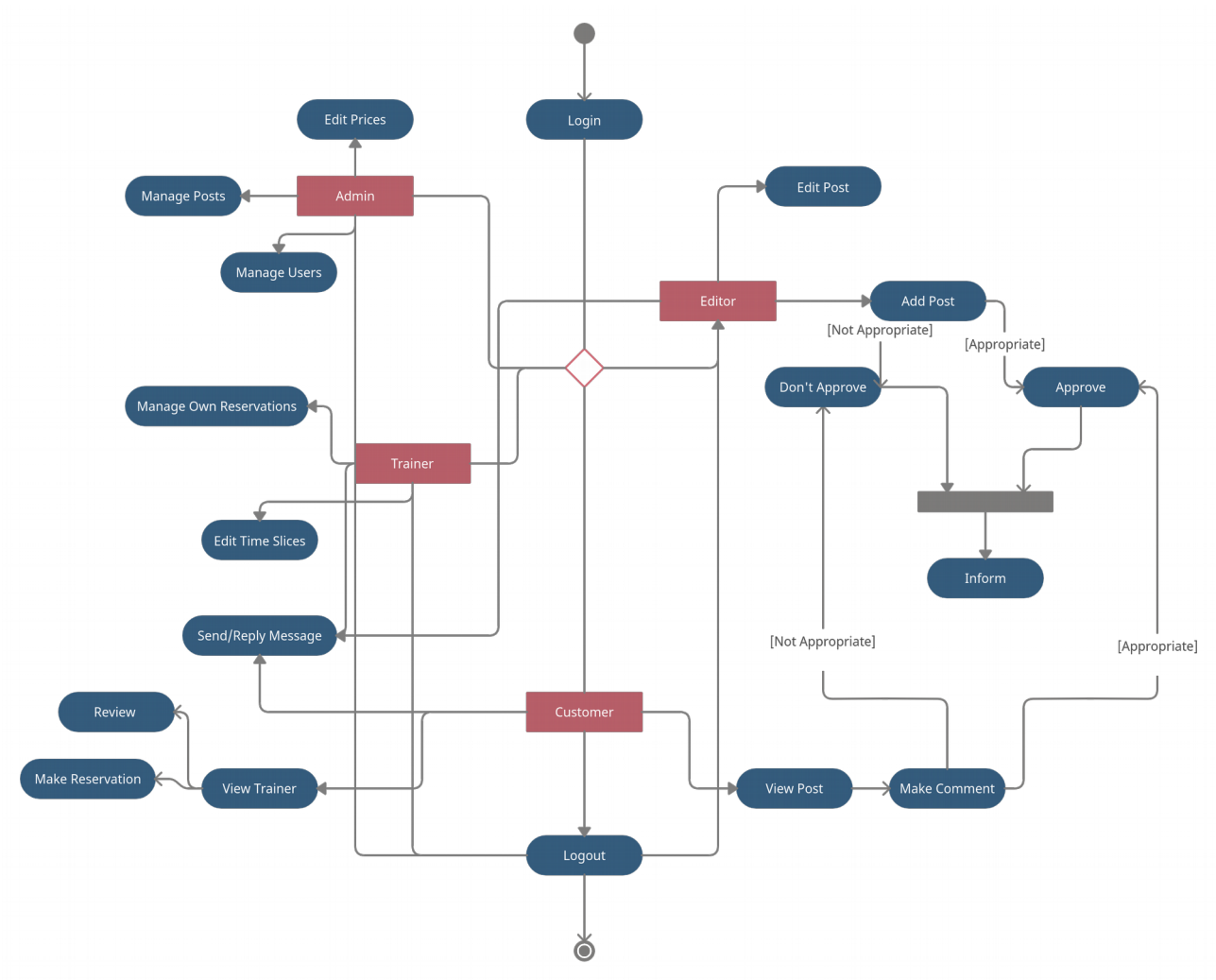
Project Backlog				
No	Topic	Task / Story	Details	Priority
1	Learning	Learning Django	Learn Python and Django (a web programming framework)	11
2		Learn front end programming	Learn Html Css and Javascript.	11
3		Learn making a blog with Django	Make ready a blog. In that website you can add new posts, edit and delete. Users can make some comments. The web site should have admin (adding removing users) , editors and users to make comments. You can add whatever you want in that web site. These are just to make you imagine the system. Please find a good tutorial about making a blog in Django and learn how to do.	10
4	Blog	Home, post pages designing	Design home, post and category listing pages for blog	9
5		Make backend side of the blog	Set up a categorized blog backend (posts / comments / editors) like the task given number 3	9
6	Trainer Reservation	Trainer profile – backend	Trainer users that have some information. And the trainer can edit own information.	8
7		Trainer Profile – front end	Trainer profile view page to view information about trainer	8
8		Trainer free time slices and reservation system	Every trainer should have some free time slices. The trainers own can edit add / edit these slices. Students can take one of those slices.	8
9	Payment	Payment web pages	Taking card information entering / approval pages to make payment.	2
10		Take Payment from user (backend)	Take all required information and redirect to payment security page to pay	2
11	Mailing & Messages	Mailing Service	Setting up the connection between mail given server and make a mailing service that can send mails to given mail address / addresses	6
12		Messaging Service	Making a messaging service. Students can send messages to the trainers . And Trainers replies them. Users informed with mail when answered or replied.	6
13		Messaging Pages	Design a messaging area logged in students can send messages to the trainers and have replies. Design a page for chatting that includes all chats of the user.	6
14	Online Meeting	Online meeting scheduling	Develop a meeting scheduling service using zoom API	3
15		Viewing own online meetings (Date and Time)	Designing a page that contains all online meetings with date, time and meeting links and who with etc.	3
16	Pricing & Discounts	Discount View and Listing Page	A page that contains all Discounts and can be viewed the details of the discount	5
17		Pricing – Discounts mechanism (backend)	All trainers have a fixed pricing. Discounts and pricing can be planned / edited with date intervals by Admin	5
18	Authorization	Admin	Admin should manage(add / edit / delete / approval) all models (Posts / Users / Comments)	4
19		Trainer	Trainer can edit own profile page	4
20		Standart user (Student)	Making comment to posts and to trainers (after the training).	4
21		Editor	Editor can manage (add / edit) his / her own profile pages.	4
22	Authentication	Log in / Sign Up / Forget Password Pages	Designing Log in / Sign Up / Forget Password Pages.	7
23		Authentication backend	Making authentication backend for user log in / sign up / forget password operations.	7
24	Feedback	Feedback sending page	Feedback sending page that includes topic and text fields. After sending the user should see a message if it is sent or not	1
25		Feedback service (backend)	A logged in user can send a feedback to admin. Admin should see those feedbacks. Admin should informed with message and a mail.	1

UML Diagrams

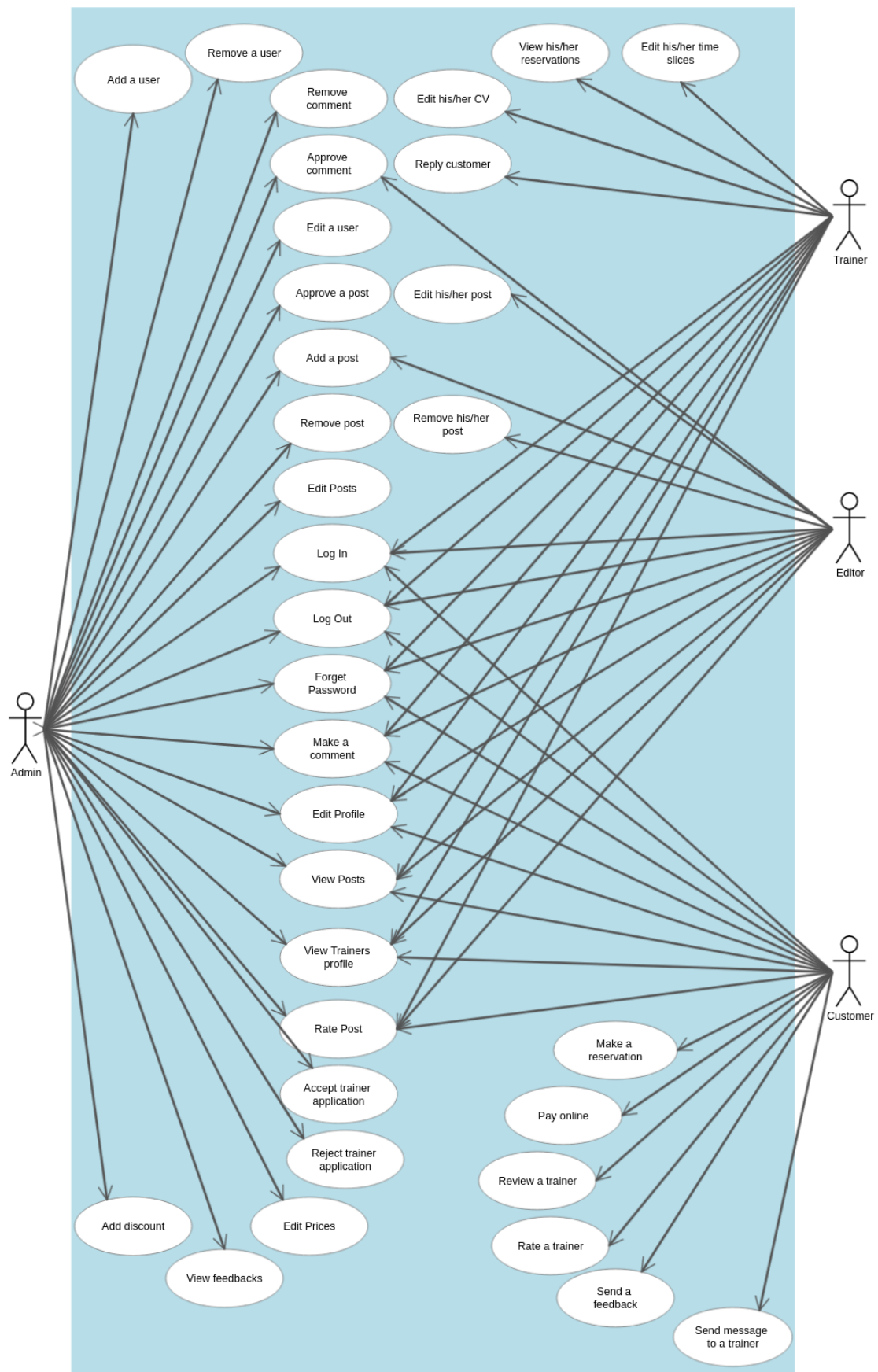
Context Model



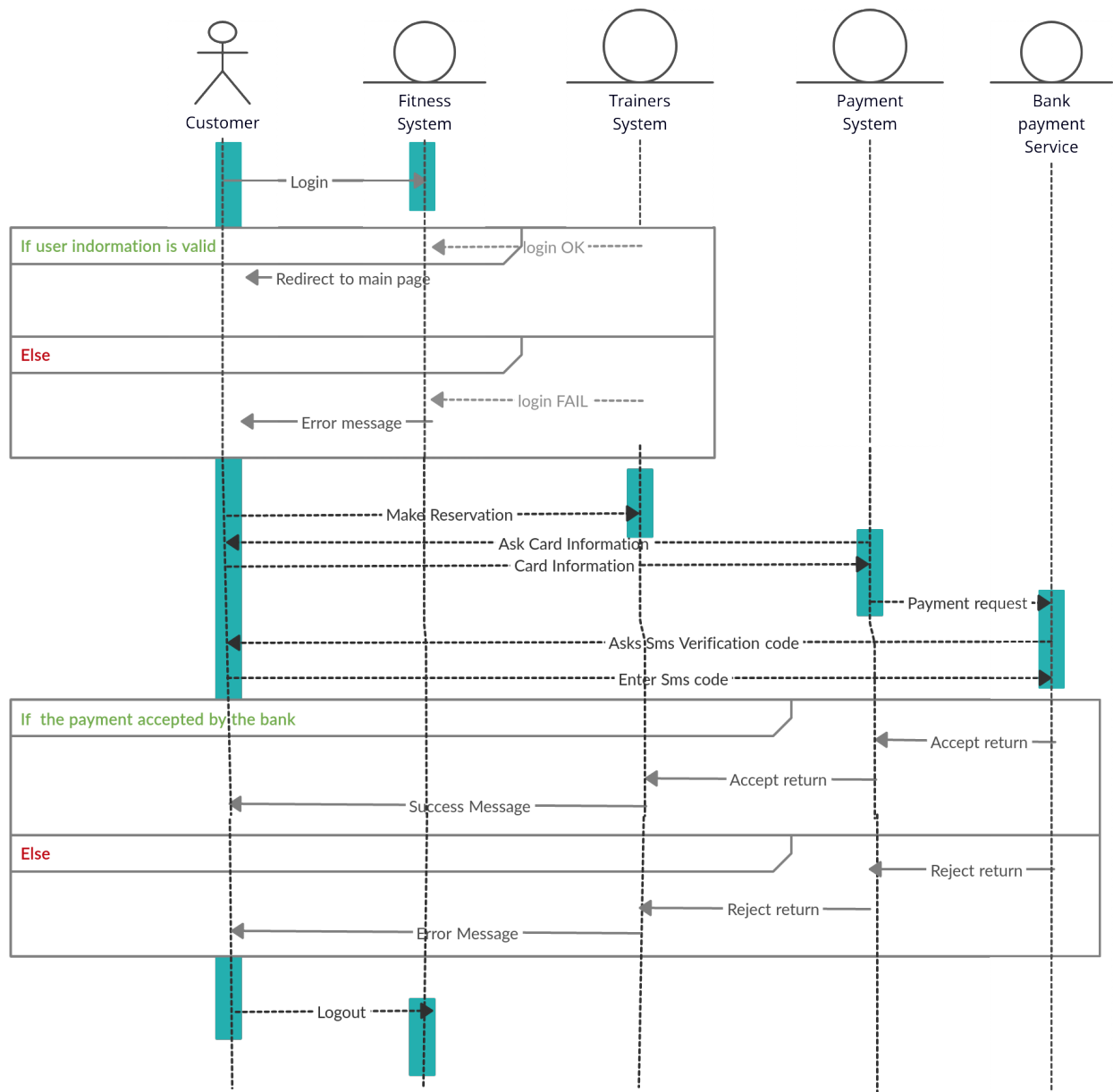
Process Model



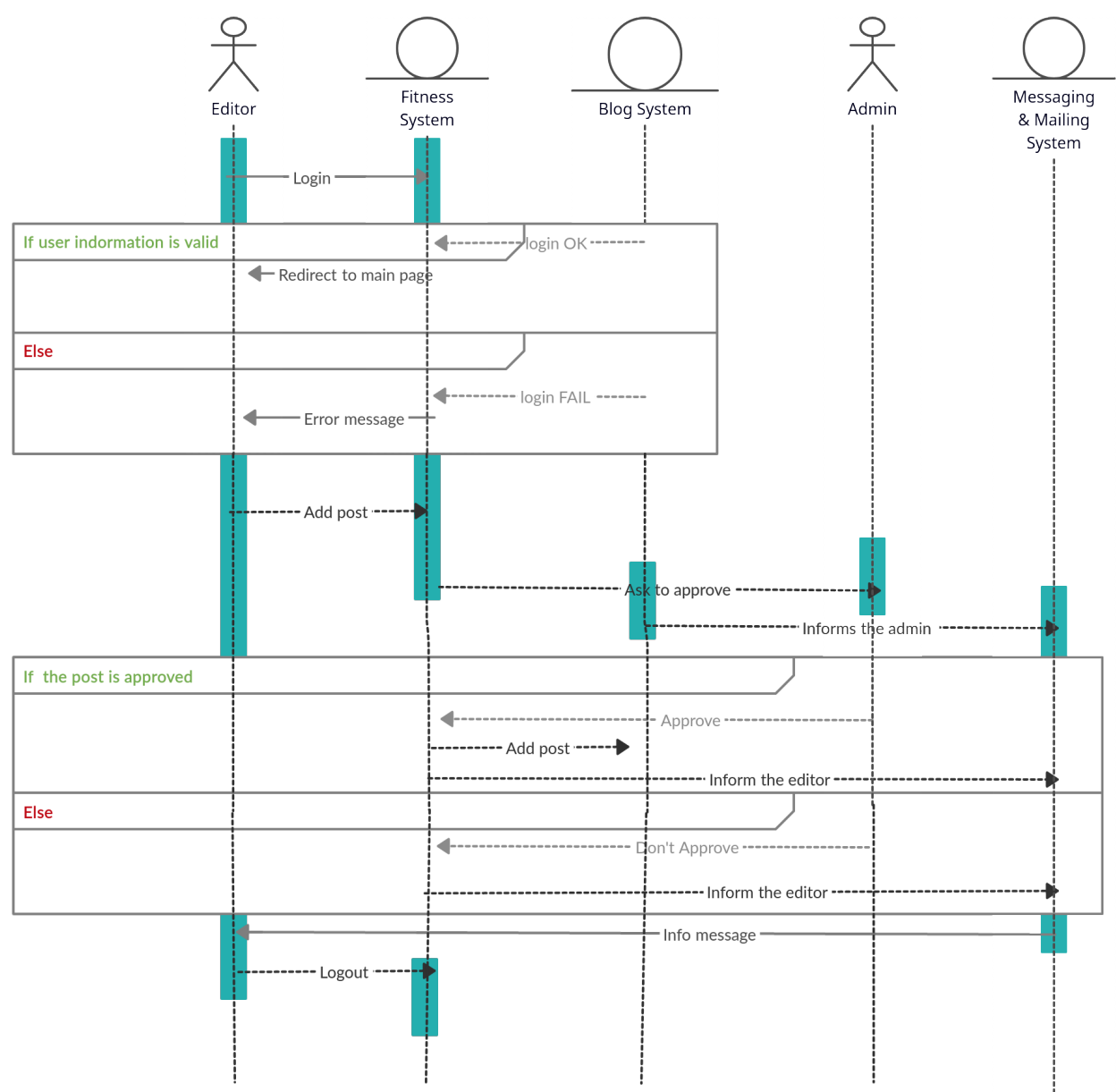
Use Case



Making Reservation Sequence Diagram



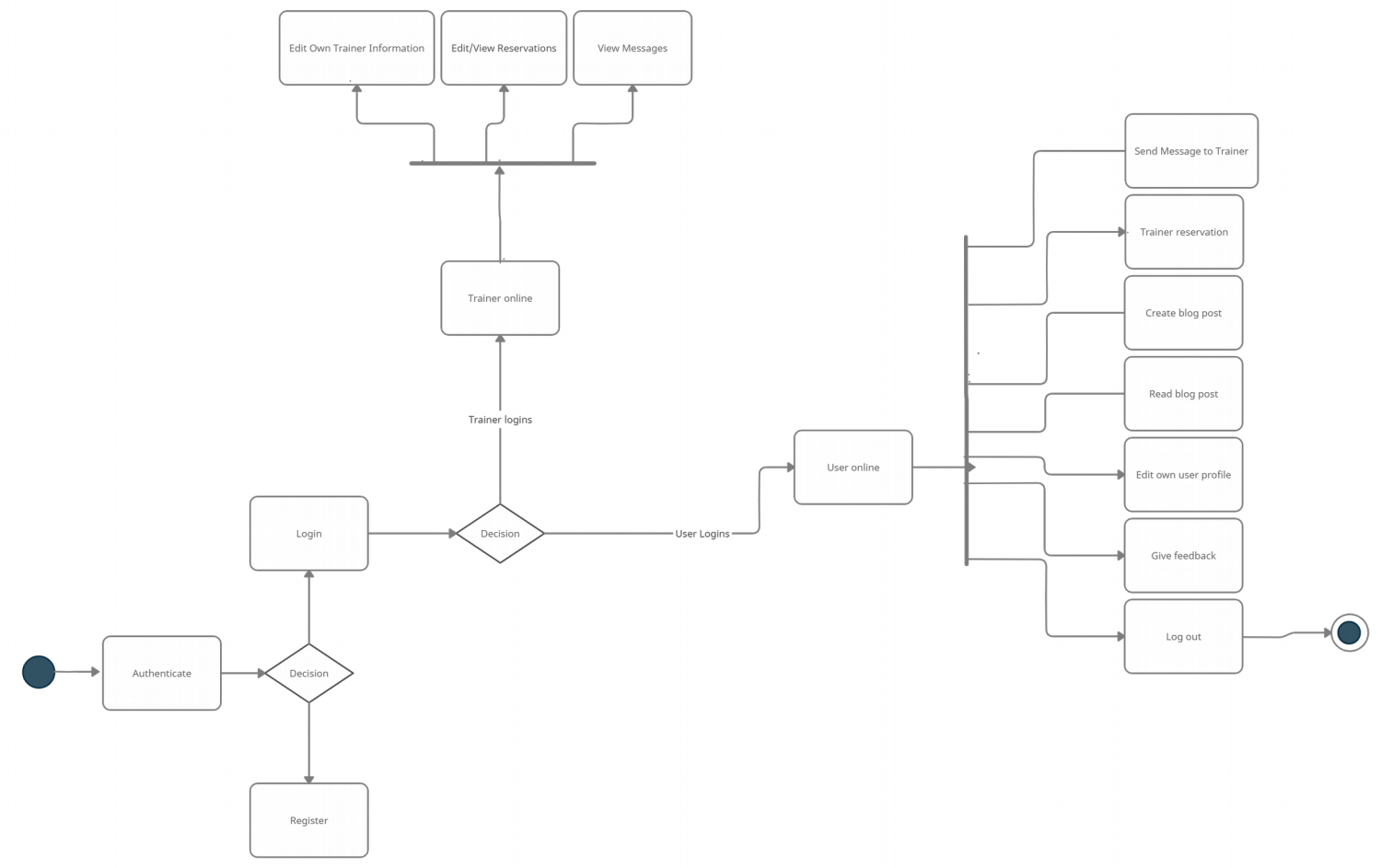
Adding Post Sequence Diagram



Class Diagram



State Diagram



Test Cases (All Screenshoots are included the file named Test Cases)

Id	Scenario	User	Steps	Input Data	Actual Result	Expected Results	Status (Pass / Fail)
1	Check all user groups(admin / trainer / editor / student) logins with valid data	All	1. Go to login page 2. Enter valid user name and password 3. Click login	user name : admin password: admin	Redirects to home page	Redirects to home page	Pass
2	Check all user groups(admin / trainer / editor / student) logins with invalid user name		1. Go to login page 2. Enter invalid user name and password 3. Click login	user name : trainer password: trainer	An error message that says user name or password is not correct.	An error message that says user name or password is not correct.	Pass
3	Check all user groups(admin / trainer / editor / student) logins with invalid password		1. Go to login page 2. Enter valid user name and invalid password 3. Click login	user name : editor password: editor	An error message that says user name or password is not correct.	An error message that says user name or password is not correct.	Pass
4	Edit own profile information with invalid fields. (e-mail, phone)		1. Go to profile page 2. Enter invalid e-mail and phone number. 3. complete editing	user name : student password: student	An error message is shown to validate them.	An error message is shown to validate them.	Pass
5	Log out with a logged in user		1. Click log out button	Click log out button		A short message is shown. And redirects to main page.	
6	Forget Password with registered e-mail address		1. Go to sign up page 2. Click Forget password 3. Enter mail address			An e-mail is sent to the user.	
7	Forget Password with unregistered e-mail address		1. Go to sign up page 2. Click Forget password 3. Enter an unregistered mail address			No such user with given e-mail error message.	
8	Edit own profile information with valid fields.		1. Go to profile page 2. Change some fields. 3. complete editing			Refreshes the page and updated message.	
9	Comment a post without logged in as a user		1. Click a post 2. Enter a comment to text field 3. Send the comment	click blog and post	user cannot post	Opens up login page.	Pass
10	Listing and viewing the messages.		1. Login as a user. 2. Go to in-box page.			The messages of the user is shown as a list.	
11	Sending a feedback without login.	Not logged in	1. Click send feedback 2. Enter user name and password or sign up 3. Enter topic field and text field. 4. Send the feedback.	user name : student password: student send the feedback	The feedback is sent successfully message.	The feedback is sent successfully message.	Pass
12	Send a message to the trainer without log in		1. Click send feedback 2. Enter user name and password or sign up 3. Send a message. 4. Send the message to the trainer	click and send the feedback	The feedback is sent successfully message.	The message is sent successfully message.	Pass
13	Comment a post without logged in as a user		1. Click a post 2. Enter a comment to text field 3. Send the comment 4. Log in or sign up			Redirects to the post page after login.	
14	Sign up with valid data	Not Registered	1. Click sign up. 2. Enter some valid data. 3. Send the form. 4. Verificate with incoming mail.	click sign up	Redirects to home page.	Redirects to home page.	Pass
15	Sign up with invalid data (e-mail, phone, password)		1. Click sign up. 2. Enter invalid e-mail, password, phone number. 3. Send the form.	click sign up	Warns the user to correct the invalid fields.	Warns the user to correct the invalid fields.	Pass
16	Adding a post with past publishing date on editor page.		1. Login as editor. 2. Open the posts. 3. Add a post. 4. Enter a arbitrary post. 5. Try to select past publishing date.			Warns the user to correct the publishing date.	
17	Editing a post on editor page.	Editor	1. Login as editor. 2. Open the posts. 3. Click a post. 4. Change the content. 5. Submit for approval.	click a post. change the content		The success message is shown. Admin is informed by a message and e-mail.	
18	Hiding a published post on editor page.		1. Login as editor. 2. Open the posts. 3. Click a post. 4. Uncheck the publish box.	Click a post. Uncheck the publish box.		The success message is shown. The post is not shown after that moment.	
19	Apply for being trainer by filling a form with free field / fields.		1. Login as standard (student) user. 2. Go to Apply to be trainer. 3. Enter nothing to the required fields. 4. Submit.	Click apply to be trainer	An error message that says that fill all required fields.	An error message that says that fill all required fields.	Pass
20	Apply for being trainer by filling a form with valid fields.	Trainer	1. Login as standard (student) user. 2. Go to Apply to be trainer. 3. Enter all required fields. 4. Submit.	Click apply to be trainer		Gives a thanks message. Informs admin by sending mail and message.	
21	Editing a profile of trainer with invalid field / fields (Invalid e-mail, phone)		1. Login as trainer. 2. Go to profile page. 3. Change the e-mail, phone with invalid ones. 4. Press submit.	Click to profile page	An error message that says that e-mail and phone is not valid.	An error message that says that e-mail and phone is not valid.	Pass
22	Viewing own reservations.		1. Login as trainer. 2. Go to my reservations page.			Lists all reservations the trainer have.	
23	Replying a user from in-box.		1. Login as trainer. 2. Go to messages page. 3. Click on a message. 4. Enter a message.			The message seems sent on chat area. The user is informed with an e-mail.	
24	Editing own free time slices.		1. Login as trainer. 2. Go to time time slices page. 3. Add a new time slice. 4. Remove a time slice.			Removed successfully and added successfully messages.	
25	Refuse an application of being trainer	Admin	1. Login as admin. 2. Go to trainer applications page. 3. Click one of them. 4. Press Refuse button.			The user informed with an e-mail.	
26	Accept an application of being trainer		1. Login as admin. 2. Go to trainer applications page. 3. Click one of them. 4. Press Refuse button.	Click to applications page. Press Refuse button.		The user informed with a message and e-mail.	
27	Approving a requested post by an editor.		1. Login as admin. 2. Go to waited posts page 3. Click one of them. 4. Approve the post.	Click to posts page And approve		A short message is shown to admin. The editor informed by a message and e-mail.	
28	Refusing a a requested post by an editor		1. Login as admin. 2. Go to waited posts page. 3. Click one of them. 4. Click refuse and write a reason.	Click to posts page. Press Refuse button.		A short message is shown to admin. The editor informed by a message and e-mail.	
29	Removing a post on admin page.		1. Login as admin. 2. Go posts page. 3. Click one of them. 4. Click remove.	Click to posts page and remove	A short message is shown to admin.	A short message is shown to admin.	Pass
30	Approving a comment on admin page.		1. Login as admin. 2. Go to waited comments page 3. Click one of them. 4. Click Approve button.	Click to comment page and approve	A short message is shown to admin. The user informed by a message and e-mail his/her comment is approved.	A short message is shown to admin. The user informed by a message and e-mail his/her comment is approved.	Pass
31	Refusing a comment on admin page.		1. Login as admin. 2. Go to waited comments page 3. Click one of them. 4. Click refuse button. 5. Select or write a reason.	Click to comment page and Press Refuse button.	The editor informed by a message and e-mail with the reason.	The editor informed by a message and e-mail with the reason.	Pass
32	Removing a comment on admin page.		1. Login as admin. 2. Go to comments page 3. Click one of them. 4. Click remove button.	Click to comment page and Press remove button.	Removed successfully message is shown.	Removed successfully message is shown.	Pass
33	Adding a user on admin page by filling valid information.		1. Login as a admin. 2. Go to users page. 3. Click add button. 4. Fill the information fields. 5. Click save button.	Click users page, enter user information and add button	Redirects to the user list page.	Redirects to the user list page.	Pass
34	Adding a user on admin page by not filling required fields.		1. Login as a admin. 2. Go to users page. 3. Click add button. 4. Do not fill phone number, e-mail fields. 5. Click save button.	Click users page and add button	Error message is shown to fill required fields.	Error message is shown to fill required fields.	Pass
35	Adding a user on admin page by not filling required fields (invalid email, phone)		1. Login as a admin. 2. Go to users page. 3. Click add button. 4. Fill phone number, e-mail fields as invalid. 5. Click save button.	Click users page and add button	Error message is shown to fill as valid.	Error message is shown to fill as valid.	Pass
36	Editing a user on admin page with invalid fields.		1. Login as a admin. 2. Go to users page. 3. Select one of the users. 4. Change some fields as invalid. 5. Click save button.	Click users page and save button	Error message is shown to fill as valid.	Error message is shown to fill as valid.	Pass
37	Editing a user on admin page with valid fields		1. Login as a admin. 2. Go to users page. 3. Select one of the users. 4. Change some fields. 5. Click save button.	Click users page and save button	The user updated successfully message is shown.	The user updated successfully message is shown.	Pass
38	Removing a user on admin page.		1. Login as a admin. 2. Go to users page. 3. Select one of the users. 4. Click the remove button.	Click users page and remove button	The user removed successfully message	The user removed successfully message	Pass

39	Making a reservation with a trainer on a reserved time slice.	Student (Customer)	1. Login as a student. 2. Go to trainers page. 3. Click on a trainer. 4. Select a reserved time slice.			A warning message is shown to choose free date.	
40	Making a reservation with a trainer on a free time slice.		1. Login as a student. 2. Go to trainers page. 3. Click on a trainer. 4. Select a time slice. 5. Enter card information 6. Enter the sms payment verification code.			A success message is shown.	
41	Entering invalid card information.		1. Login as a student. 2. Go to trainers page. 3. Click on a trainer. 4. Select a time slice. 5. Enter invalid card information			An error message that says card information is wrong.	
42	Entering valid card information		1. Login as a student. 2. Go to trainers page. 3. Click on a trainer. 4. Select a time slice. 5. Enter card information.			Redirects to the bank's payment system.	
43	Entering wrong verification code on payment.		1. Login as a student. 2. Go to trainers page. 3. Click on a trainer. 4. Select a time slice. 5. Enter card information. 6. Enter wrong sms payment verification code.			Verification code is wrong message is shown.	
44	Not entering the verification code in the given time.		1. Login as a student. 2. Go to trainers page. 3. Click on a trainer. 4. Select a time slice. 5. Enter card information. 6. Do not enter the sms code.			The payment is canceled by the bank.	
45	The card has no money limit.		1. Login as a student. 2. Go to trainers page. 3. Click on a trainer. 4. Select a time slice. 5. Enter card information 6. Enter the sms payment verification code.			The bank cancels the payment. The payment is not completed message is shown.	
46	Review and rating a trainer after the reservation date.		1. Login as a student. 2. Go to the trainers profile page. 3. Enter a review and rate.			The page is updated. The trainer is informed with message and e-mail.	
47	Send a feedback with empty topic / text.		1. Login as a user. 2. Click send feedback 3. Enter topic field and text field. 4. Send the feedback	Click send feedback Enter topic field and text field. Send the feedback	The feedback is sent message is shown.	The feedback is sent message is shown.	Pass
48	Send a message to the trainer with a logged in user		1. Login as a user. 2. Go to a trainers profile page. 3. Click send message button. 4. Write a message and send.			The sent message is shown message area. The trainer is informed by a message and e-mail.	

USE CASE TABLE

System	Administration of Users
Use Case	Add User
Actors	Admin Panel,User Database
Data	Admin enters the information of user to the admin panel. Those informations go to the user database for adding new user.
Stimulus	Admin panel make a contact with user database for demanding to add new user.
Response	User database takes some data of user from admin panel and makes new user.
Comments	Admin can make this operation from admin panel whenever he wants.

System	Administration of Users
Use Case	Remove User
Actors	Admin Panel,User Database
Data	Admin controls panel and sees user account. Every user can delete with just one click in this panel. When admin click this user , user database removes this user.
Stimulus	Admin panel makes a contact with user data base for demanding to remove new user.
Response	User database make reaction with clicking to user from admin panel and removes this user.
Comments	Admin can make this operation from admin panel whenever he wants.

System	Administration of Blog
Use Case	Remove Comments
Actors	Admin Panel,Blog Database
Data	Admin controls panel and sees user comments. Every comments can delete with just one click in this panel. When admin click this comment , blog database removes this comment.
Stimulus	Admin panel makes a contact with blog database for demanding to remove comment.
Response	Blog database make reaction with clicking to comment from admin panel and removes this comment.
Comments	Admin can make this operation from admin panel whenever he wants.

System	Administration of Blog
Use Case	Approve Comments
Actors	Admin Panel and Editor Panel,User Database
Data	Admin or editor controls panel and sees user comments. Every comments can approve with just one click in this panel. When admin approve this comment , blog database approves this comment add this comment to approved comment.
Stimulus	Admin or editor panel makes a contact with blog data base for demanding to approve comment.
Response	Blog database make reaction with clicking to comment from admin or editor panel and approves this comment.
Comments	Admin or editor can make this operation from admin panel whenever he wants.

System	Administration of Users
Use Case	Edit User
Actors	Admin Panel,User Database
Data	Admin choses one user and enters the edited information of user to the admin panel. Those informations go to the user database for editing user.
Stimulus	Admin panel make a contact with user database for demanding to edit user.
Response	User database takes some edited data of user from admin panel and makes edit to the user.
Comments	Admin can make this operation from admin panel whenever he wants.

System	Administration of Blog
Use Case	Approve Post
Actors	Admin Panel ,User Database
Data	Admin controls panel and sees user post. Admin can approve this post with just one click in this panel. When admin approve this post , blog database approves this post and add the post to approved post.
Stimulus	Admin panel makes a contact with blog database for demanding to approve post.
Response	Blog database make reaction with clicking to post from admin panel and approves this post.

Comments	Admin or editor can make this operation from admin panel whenever he wants.
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System	Administration of Blog
Use Case	Add Post
Actors	Admin Panel and Editor Panel,User Database
Data	Admin or editor can enter some posts information and those informations go to the blog database. Blog database makes a new post with those datas.
Stimulus	Admin or editor panel makes a contact with blog data base for demanding to add new post.
Response	Blog database make reaction with coming datas from admin or editor panel and adds new post.
Comments	Admin or editor can make this operation from admin panel whenever he wants.

System	Administration of Blog
Use Case	Remove Post
Actors	Admin Panel,Blog Database
Data	Admin controls panel and sees user posts. Every posts can delete with just one click in this panel. When admin click this post , blog database removes this post.
Stimulus	Admin panel makes a contact with blog database for demanding to remove post.
Response	Blog database make reaction with clicking to comment from admin panel and removes this comment.
Comments	Admin can make this operation from admin panel whenever he wants.

System	Administration of Blog
Use Case	Edit Post
Actors	Admin Panel,User Database
Data	Admin choses one user post and enters the edited information of user post to the admin panel. Those informations go to the user database for editing user post.
Stimulus	Admin panel make a contact with user database for demanding to edit user post.
Response	User database takes some edited data of user post from admin panel and makes edit to the user post.

Comments	Admin can make this operation from admin panel whenever he wants.
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System	User Authentication
Use Case	Log In
Actors	User,User Database
Data	User enters the id and password to the log in page and user database control this id and password afterthat if it is true it will send message to the login page , user logged into the system.
Stimulus	Log in page make a contact with user database for demanding to control the user id and password for log in operation.
Response	User database takes id and password of user from log in page and makes control of user id and password.
Comments	User database takes all of users data like admin,editor,customer,trainer.

System	User Authentication
Use Case	Log Out
Actors	User,User Database
Data	User clicks the log out button from page and user database cuts connection of user with the system.
Stimulus	Log out page make a contact with user database for demanding to log out of user from system .
Response	User database cuts connection of user with system. User can not access any functional ability of him.
Comments	User database takes all of users data like admin,editor,customer,trainer.

System	User Authentication
Use Case	Forget Password
Actors	User,User Database
Data	User clicks forget password button from page and enters his mail for getting new password and user database sends new password to this mail.
Stimulus	Forget password page make a contact with user database for demanding to get new password of user from system .
Response	User database send new password to entered mail.

Comments	User database takes all of users data like admin,editor,customer,trainer.
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System	User Authentication
Use Case	Edit Profile
Actors	User,User Database
Data	User enters editted profile information to his special profile page and those information gets from user database and edits this profile.
Stimulus	Profile page make a contact with user database for demanding to edit this profile with entered information of profile.
Response	User database edits profile data of user.
Comments	User database takes all of users data like admin,editor,customer,trainer.

System	Blog System
Use Case	View Post
Actors	User,Blog Database
Data	User can view posts. Blog database send this posts to the blog page.
Stimulus	User click one post and g oto post page and blog post page demand post data from blog database.
Response	Blog database sends post data to the blog database.
Comments	Blog database sends post data automaticaly to the blog post page when user wants to see post.

System	Blog System
Use Case	Rate Post
Actors	User,Blog Database
Data	User can rate posts. Blog database updates current rate when the user rates any post.
Stimulus	User rates the posts and blog page send a request to blog database for updating current rate.
Response	Blog database update current rate of post.
Comments	Every user can rate any posts.

System	Administration of Users
Use Case	Accept Trainer Application
Actors	Admin Panel,User Database
Data	Admin can see trainer application from admin panel and apply their application. When admin apply any application, user database accept this account.
Stimulus	Admin panel applies and makes a contact with user database for accepting to new trainer application.
Response	User database takes apply signal from admin panel and accept new trainer application.
Comments	Admin can make this operation from admin panel whenever he wants.

System	Administration of Users
Use Case	Reject Trainer Application
Actors	Admin Panel,User Database
Data	Admin can see trainer application from admin panel and reject their application. When admin rejects any application, user database rejects this account.
Stimulus	Admin panel rejects and makes a contact with user database for rejecting to new trainer application.
Response	User database takes reject signal from admin panel and reject new trainer application.
Comments	Admin can make this operation from admin panel whenever he wants.

System	Administration of Users
Use Case	Edit Prices
Actors	Admin Panel,User Database
Data	When admin can view trainer price and make some arrangement on admin panel, user database changes the trainer price.
Stimulus	Admin panel demand update for price from user database.
Response	User database updates price of trainer.
Comments	Admin can make this operation from admin panel whenever he wants.

System	Administration of Users
Use Case	View Feedbacks
Actors	Admin Panel,User Database
Data	When admin can view trainer feedbacks, user database sends the trainer feedbacks to the trainer page.
Stimulus	Admin panel demand trainer feedbacks from user database.
Response	User database send trainer feedbacks to trainer page.
Comments	Admin can make this operation from admin panel whenever he wants.

System	Reservation System
Use Case	Edit Time Slices
Actors	Trainer Panel,User Database
Data	Trainer edits their time slices from trainer panel, user database update their time slices.
Stimulus	Trainer panel demand to edit their time slices from user database.
Response	User database change trainer time slices with coming data from trainer panel.
Comments	Trainer just can choose proper hour, they can not add extra hour for their time slices.

System	Reservation System
Use Case	View Reservation
Actors	Trainer Panel,User Database
Data	When trainer can view trainer reservations, user database sends the trainer reservations to the trainer page.
Stimulus	Trainer panel demand trainer reservations from user database.
Response	User database sends trainer reservations to trainer page.
Comments	Trainer can make this operation from trainer panel whenever he wants.

System	Reservation System
Use Case	Edit CV
Actors	Trainer Panel,User Database
Data	Trainer edits their CV from trainer panel, user database update their CV.

Stimulus	Trainer panel demand to edit their CV from user database.
Response	User database change trainer CV with coming data from trainer panel.
Comments	Trainer can make this operation from trainer panel whenever he wants.

System	Reservation System
Use Case	Reply Customer
Actors	Trainer Panel, Customer
Data	Trainer replies reservation from trainer panel, customer takes this message.
Stimulus	Trainer panel send message to customer about replying.
Response	Customer takes the replying from trainer panel.
Comments	Trainer can make this operation from trainer panel whenever he wants.

System	Reservation System
Use Case	Make Reservation
Actors	Customer Panel, Trainer Panel
Data	Customer views the proper time slices of trainer and chooses one proper time. When customer chooses proper time, this time is filled in trainer panel.
Stimulus	Customer panel demand time slices and send a request about filling time.
Response	Trainer panel send time slices and take reservation demanding from customer panel.
Comments	Customer can make this operation from trainer panel whenever he wants.

System	Payment System
Use Case	Pay Online
Actors	Customer Panel, Payment API
Data	Customer pay for his course with their credit card information.
Stimulus	Customer panel send their credit card data to the payment api.
Response	Payment api takes credit card information and makes payment.
Comments	Customer can make this operation from trainer panel whenever he wants.

System	Trainer System
Use Case	Rate Trainer
Actors	Customer,Trainer Database
Data	Customer can rate trainer. Trainer page updates current rate when the customer rates any trainer.
Stimulus	Customer rates the trainer and trainer page send a request to trainer database for updating current rate.
Response	Trainer database update current rate of post.
Comments	Customer can make this operation from trainer panel whenever he wants.

System	Trainer System
Use Case	Send Message to Trainer
Actors	Customer,Trainer
Data	Customer can send message about anything to trainer.
Stimulus	Customer sends message to trainer .
Response	Trainer takes message and views.
Comments	Customer can make this operation from trainer panel whenever he wants.

System	Trainer System
Use Case	Send Feedback to Trainer Page
Actors	Customer,Trainer Page
Data	Customer can send feedback about trainer to trainer page. Trainer page adds this feedback to the other feedback.
Stimulus	Customer sends feedback to trainer page .
Response	Trainer page updates feedback with coming feedback.
Comments	Customer can make this operation from trainer panel whenever he wants.