

**Gebze Technical University**  
**CSE343 Software Project**  
**Team Unexpected**  
**First 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.

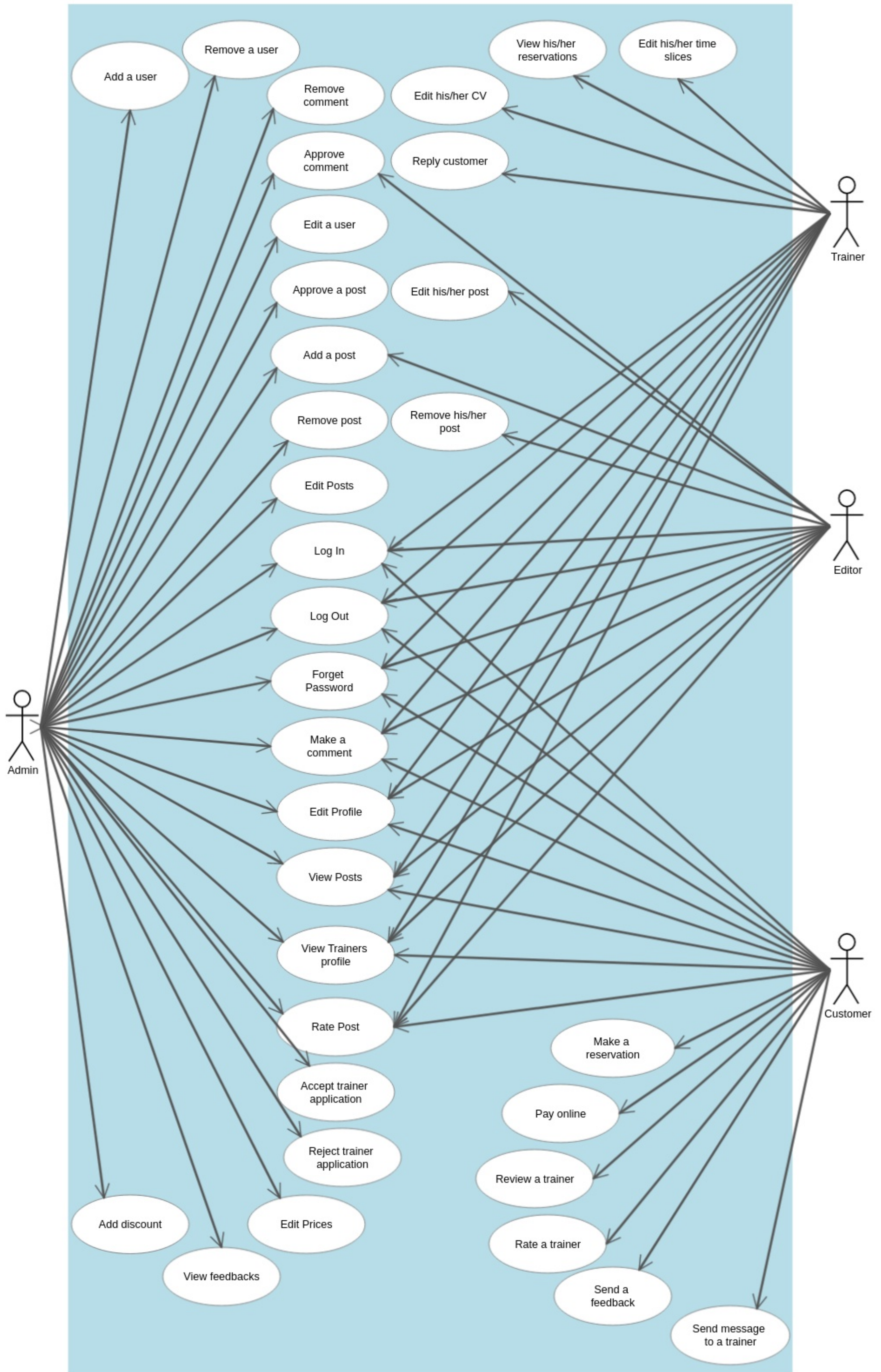
**What can go wrong:** The content may have some some problems. The admin informs the editor about it.

**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







## Test Cases

Id	Scenario	User	Steps	Input Data	Expected Result	Actual 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			Redirects to home page	
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			An error message that says user name or password is not correct.	
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			An error message that says user name or password is not correct.	
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			An error message is shown to validate them.	
5	Log out with a logged in user		1. 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			Opens up login page.	
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			The feedback is sent successfully message.	
12	Send a message to the trainer without log in		1. Click send feedback 2. Enter user name and password or sign up 3. Enter a message. 4. Send the message to the trainer			The message is sent successfully message.	
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.			Redirects to home page.	
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.			Warns the user to correct the invalid fields.	
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.			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.			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.			An error message that says that fill all required fields.	
20	Apply for being trainer by filling a form with valid fields.		1. Login as standard (student) user. 2. Go to Apply to be trainer. 3. Enter all required fields. 4. Submit.			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)	Trainer	1. Login as trainer. 2. Go to profile page. 3. Change the e-mail, phone with invalid ones. 4. Press submit.			An error message that says that e-mail and phone is not valid.	
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		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.			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.			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.			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.			A short message is shown to admin.	
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.			A short message is shown to admin. The user informed by a message and e-mail his/her comment is approved.	
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.			The editor informed by a message and e-mail with the reason.	
32	Removing a comment on admin page.	Admin	1. Login as admin. 2. Go to comments page 3. Click one of them. 4. Click remove button.			Removed successfully message is shown.	
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.			Redirects to the user list page.	

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.		Error message is shown to fill required fields.	
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.		Error message is shown to fill as valid.	
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.		Error message is shown to fill as valid.	
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.		The user updated successfully message is shown.	
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.		The user removed successfully message	
39	Making a reservation with a trainer on a reserved time slice.	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.	

Student (Customer)

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			The feedback is sent message is shown.	
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.	