

CSE 343 – Software Engineering

User Requirement Documentation

Assignment 1

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A)Stakeholders

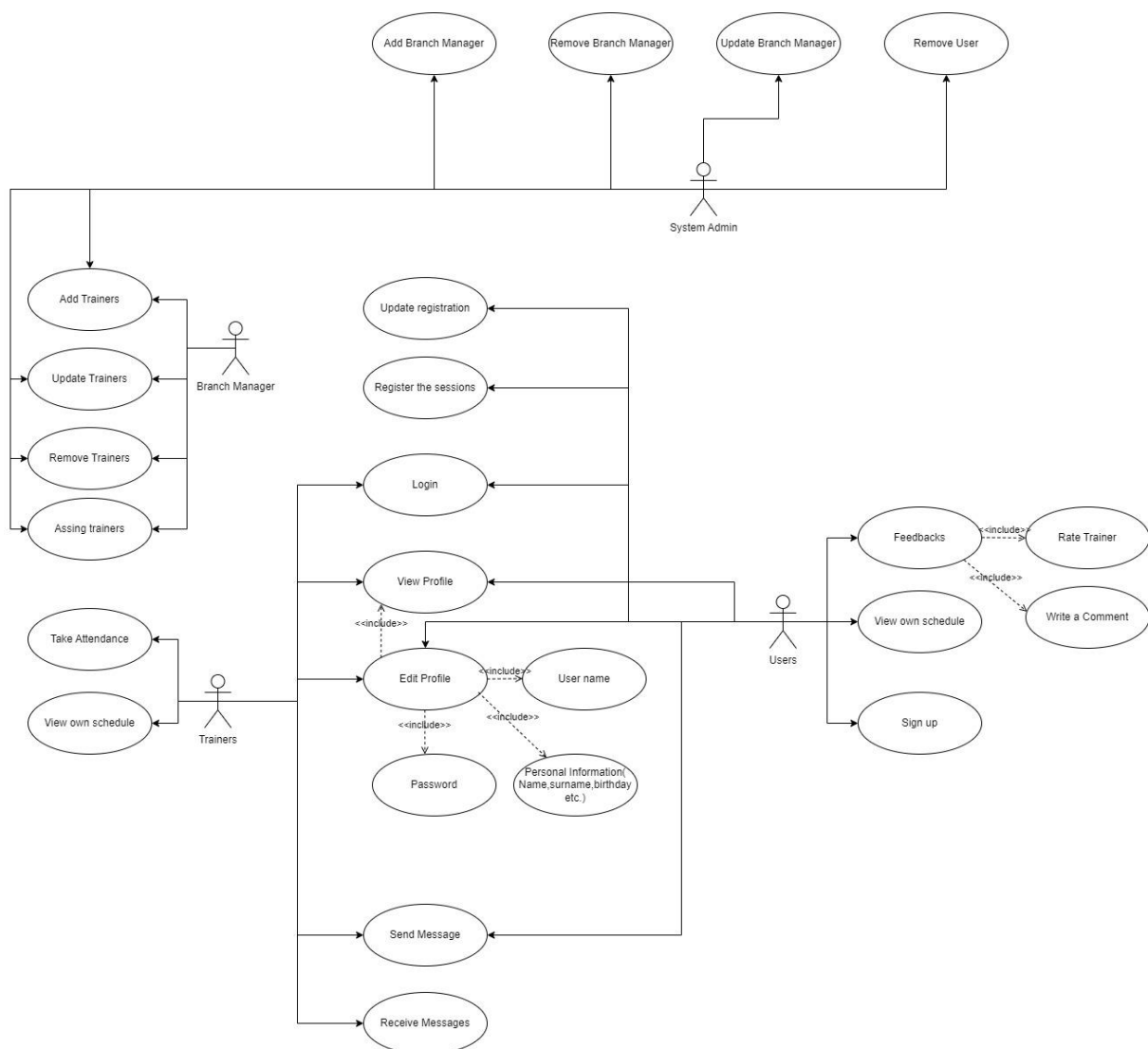
System Admin: View and controlling the whole system

Branch manager: Add/Update trainers and assign trainers to the session

Users: Using the system to register/attend to sessions, Update their personal informations and so on.

Trainers : Taking the attendance

B)Use-Case Diagram



C) Use Cases

System	MinFit
Use-Case	Add Trainers
Actors	Branch Manager, System Admin
Data	Trainer info(Mail,Name,Surname,Age>Password,Gender,Address etc.)
Stimulus	Interface Interaction by the Branch Manager, System Admin r (Button Click)
Response	Save the given data to database
Comments	The data will be used at login page, viewing pages and the editing pages.

System	MinFit
Use-Case	Update Trainers
Actors	Branch Manager, System Admin
Data	Trainer info(Mail,Name,Surname,Age>Password,Gender,Address etc.)
Stimulus	Interface Interaction by the Branch Manager , System Admin (Button Click)
Response	Update the data in database
Comments	The data will be used at login page, viewing pages and the editing pages.

System	MinFit
Use-Case	Remove Trainers
Actors	Branch Manager, System Admin
Data	Trainer info(Mail,Name,Surname,Age>Password,Gender,Address etc.)
Stimulus	Interface Interaction by the Branch Manager, System Admin (Button Click)
Response	Trainer is removed from the database.
Comments	When the trainer value is not needed, then the removing operation occurs.

System	MinFit
Use-Case	Assign Trainers
Actors	Branch Manager, System Admin
Data	Trainer info(Mail,Name,Surname,Age>Password,Gender,Address etc.)
Stimulus	Interface Interaction by the Branch Manager, System Admin (Button Click)
Response	Trainer's is assigned to the Sessions.
Comments	The related trainer and his/her data is assigned to the Sessions.

System	MinFit
Use-Case	Take Attendance
Actors	Trainers
Data	Users information
Stimulus	Interface Interaction by Trainers (using QR code)
Response	The attendance result is recorded to the database.
Comments	Whenever branch manager is checked to register the User to the Sessions.

System	MinFit
Use-Case	View own schedule
Actors	Trainers, Users
Data	Trainers, Users information
Stimulus	Interface Interaction by Trainers/Users (Button Click)
Response	The data is token from the database and monitoring on the screen.
Comments	Both Trainers and users can views their Schedule on their own pages.

System	MinFit
Use-Case	Add Branch Manager
Actors	System Admin
Data	Branch Manager information
Stimulus	Interface Interaction by System Admin (Button Click)
Response	The new Branch Manager is added to the database via this case.
Comments	There is a number of branches distrubution to mant cities in Türkiye. So, There should be many branch managers.

System	MinFit
Use-Case	Remove Branch Manager
Actors	System Admin
Data	Branch Manager information
Stimulus	Interface Interaction by System Admin (Button Click)
Response	The Branch Manager's data has been removed from the database.
Comments	When the Branch Manager values are not needed, the removal operation occurs.

System	MinFit
Use-Case	Remove User
Actors	System Admin
Data	Branch Manager information
Stimulus	Interface Interaction by System Admin (Button Click)
Response	The Branch Manager's data has been updated in the database.
Comments	When the trainer value is not needed, then the removing operation occurs.

System	MinFit
Use-Case	Update Branch Manager
Actors	System Admin
Data	Branch Manager information
Stimulus	Interface Interaction by System Admin (Button Click)
Response	The Branch Manager's data has been updated in the database.
Comments	

System	MinFit
Use-Case	Update registration
Actors	User
Data	User information
Stimulus	Interface Interaction by Branch Manager (Button Click)
Response	The User's registration data has been updated in the database.
Comments	Branch manager can update a user's planned registration if there is an available session within the same week. However, if a user is already registered for any sessions (2/3 sessions they can attend), they cannot move the registration to following weeks unless confirmed by the branch managers.

System	MinFit
Use-Case	Register the sessions
Actors	User
Data	User information
Stimulus	Interface Interaction by User (Button Click)
Response	The User's registration data has been recorded to the database.
Comments	Branch manager can update a user's planned registration if there is an available session within the same week. However, if a user is already registered for any sessions (2/3 sessions they can attend), they cannot move the registration to following weeks unless confirmed by the branch managers.

System	MinFit
Use-Case	Login
Actors	Trainers, Users
Data	User or Trainer information
Stimulus	Interface Interaction by Users, Trainers (Button Click)
Response	Compare the login data with the data on the database. Based on the result, either accept or decline the login.
Comments	

System	MinFit
Use-Case	View Profile
Actors	Trainers, Users
Data	User or Trainer information
Stimulus	Interface Interaction by Users, Trainers (Button Click)
Response	Details are listed.
Comments	Whoever views his/her own profile

System	MinFit
Use-Case	Edit Profile
Actors	Trainers, Users
Data	User or Trainers information
Stimulus	Interface Interaction by Users,Trainers (Button Click)
Response	Regulation is occurred on the data.
Comments	When trainer clicked the button , He can change his profile.It is same also for users.

System	MinFit
Use-Case	Send Message
Actors	Trainers, Users
Data	User or Trainer information
Stimulus	Interface Interaction by Users,Trainers (Button Click)
Response	The message are stored on the database.
Comments	Trainers and Users can send messages

System	MinFit
Use-Case	Receive Messages
Actors	Trainers, Users
Data	User or Trainer information
Stimulus	Interface Interaction by Users,Trainers (Button Click)
Response	The receive message are stored on the database and seen by the related person.
Comments	Trainers and Users can receive messages.

System	MinFit
Use-Case	Feedback
Actors	Users
Data	User information
Stimulus	Interface Interaction by Users (Button Click)
Response	User give feedbacks and this data stored on the database
Comments	User write comments or rate the trainer via this case.

System	MinFit
Use-Case	Sign Up
Actors	Users
Data	User information
Stimulus	Interface Interaction by Users (Button Click)
Response	The user sign up and the new data are added to the database.
Comments	

Are all use cases that are important for the system created?

There are two type of case, which are critical use cases and non-critical use cases.

Critical use cases are the essential functionalities, but the other ones are additional functionalities.

Non-Critical Use Cases enhance the user experiences. In this use case ,Send message/receive message and feedback cases are non-critical use cases.

Is a complete and correct description provided for all use cases in a table (according to the template)?

It helps the understanding of idea and the system's functionalities and interactions.

Challenges

When there are many requirements, complexity can occur.If the system's foundation is not well-designed,operations can be unnecessary,repeated,etc.

Another challange is that some requirements need additional requirements to them.