
GROUP10

Use-Case Specification

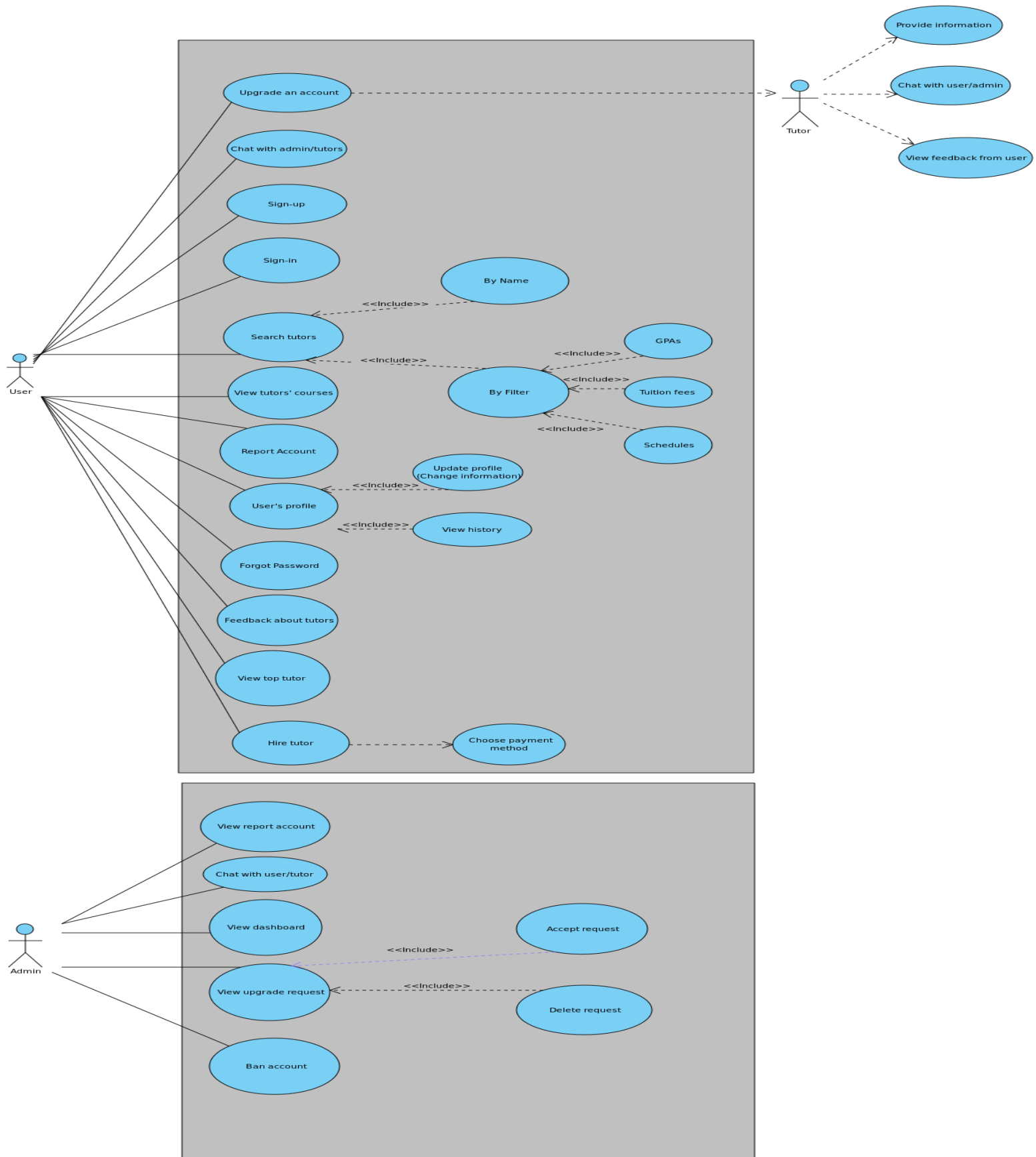
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1. Use-case Model



2. Use-case Specifications

2.1. Use-case: Sign-up

Use case Name	Sign up
Brief description	This use case describes how the User can register an account
Actors	User
Basic Flow	<ol style="list-style-type: none">1. At the homepage, the user clicks on the 'Sign up' button on the screen.2. User fills information: Full name, Address, Password, Re-enter Password3. User clicks the Sign-Up button.4. System displays a successful Sign-Up message.
Alternative Flows	<p>Alternative flow 1: Username is not unique</p> <ol style="list-style-type: none">1. back to step #2.2. Continue step #2 in the basic flow. <p>Alternative flow 2: Password is weak</p> <ol style="list-style-type: none">1. back to step #2.2. Continue step #2 in the basic flow. <p>Alternative flow 3: misformatted email</p> <ol style="list-style-type: none">3. back to step #2.4. Continue step #2 in the basic flow.
Special Requirements	The system displays screens in less than 0.00001s. The system returns messages in less than 0.00001s.
Pre-conditions	User goes to home page.
Post-conditions	The user successfully creates a new account.
Extension Points	No

2.2. Use-case: Sign-in

Use case Name	Sign-in
Brief description	Log into the system by username and password of existing account.
Actors	User
Basic Flow	<ol style="list-style-type: none">1. User clicks on Sign In on the homepage.2. System displays Sign In screen.3. User enters the username, password and clicks the button “Sign In”.4. System returns sign up successfully.
Alternative Flows	Alternative flow 1: Users fill wrong username or password <ol style="list-style-type: none">1. Back to step #2 of the basic flow.2. notifying Username or Password is not correct.3. Continue step #2 in the basic flow.
Special Requirements	The system displays screens in less than 0.00001s. The system returns messages in less than 0.00001s.
Pre-conditions	Users have Sign Up account to the system before.
Post-conditions	The user successfully sign-in.
Extension Points	No

2.3. Use-case: Upgrade account (to become tutors)

Use case Name	Upgrade account to become tutors
Brief description	User accounts are set default as user. If users want to become a tutor, they must request an upgrade account.
Actors	User
Basic Flow	<ol style="list-style-type: none">1. User clicks to the button “Upgrade account”2. System display Upgrade account page.3. Users fill their information: Name, Email, GPAs, Schedule, Tuition Fee4. Users click the button “Upgrade” to send a request for the admin to make a decision.
Alternative Flows	No
Special Requirements	The system displays screens in less than 0.01s. The system returns messages in less than 0.01s.
Pre-conditions	User has created an account successfully as a user .
Post-conditions	Users wait for the admin to accept requests to have the ability to become a tutor on our web.
Extension Points	No

2.4. Use-case: View tutors' courses

Use case Name	View tutor's courses
Brief description	This use case describes how the User can view tutors' courses.
Actors	User
Basic Flow	<ol style="list-style-type: none">1. At the homepage, user can view information of tutor's courses.2. System displays the information of tutor's courses.
Alternative Flows	No
Special Requirements	The system displays screens in less than 0.01s. The system returns messages in less than 0.01s.
Pre-conditions	User goes to homepage .
Post-conditions	Successfully view.
Extension Points	Add tutors to your favorite list, hire tutors.

2.5. Use-case: Search tutors

Use case Name	Search tutors
Brief description	In the system, there are many tutors so that users can view tutors to see more specific information: GPAs, schedule, information of tutors, tuition fees, courses
Actors	User
Basic Flow	<ol style="list-style-type: none">1. User view search bar and click on the space of this.2. The system displays 3 choices:<ul style="list-style-type: none">- Search tutors by name- Search tutors using filter: GPAs, schedule, tuition fees.- Come the two above choices.3. User click on "search" button or enter.
Alternative Flows	Alternative flow 1: User cannot find tutors searched <ol style="list-style-type: none">1. After step 3, the system displays "Not Found".
Special Requirements	The system displays screens in less than 0.01s. The system returns messages in less than 0.01s.
Pre-conditions	User goes to the homepage and views the search bar.
Post-conditions	The user successfully retrieve the tutors found.
Extention Points	Add tutors to favorite, Hire tutors.

2.6.Use-case: Logout

Use case Name	Logout
Brief description	This use case describes how the User can logout
Actors	User
Basic Flow	<ol style="list-style-type: none">1. At every page of system after login, users click ‘user icon’2. System displays the options (profile, logout,...)3. User click on ‘logout’ button4. System displays login page
Alternative Flows	No
Special Requirement	The system displays screens in less than 0.01s. The system returns messages in less than 0.01s.
Pre-conditions	User have to login
Post-conditions	The user successfully logout
Extension Points	No

2.7.Use-case: Hire tutors

Use case Name	Hire tutors
Brief description	This use case describes how the User can hires tutors
Actors	User
Basic Flow	<ol style="list-style-type: none">1. At each detail tutor view, users click on ‘Hire tutor’ button2. User chooses the Payment method.3. The system calculates the total money of the cart and displays it to the user.4. User confirms all information in the cart and clicks the confirm button.
Alternative Flows	Alternative Flow: In step 2 <ol style="list-style-type: none">1. If the user chooses a credit card, the user must enter the cart number, name of owner, PIN, ... before moving to step 3.2. The system calculates the total money of the cart and displays it to the user.3. User confirms all information and clicks the confirm button.
Special Requirements	The system displays screens in less than 0.01s. The system returns messages in less than 0.01s.
Pre-conditions	The user successfully views/searches tutors.
Post-conditions	After successfully hire tutor, user and tutor received a notification by email.
Extension Points	Payment method

2.8.Use-case: Feedback about course

Use case Name	Feedback about course
Brief description	This use case describes how the User can feedback about course
Actors	User
Basic Flow	<ol style="list-style-type: none">1. At ordered courses view, users fill comment field and rate star.2. Users click on 'post' button.3. System notifies the tutor.
Alternative Flows	No
Special Requirements	The system displays screens in less than 0.01s. The system returns messages in less than 0.01s.
Pre-conditions	User has to login and go to an ordered course.
Post-conditions	The user successfully feedback

2.9.Use-case: Feedback about system

Use case Name	Feedback about system
Brief description	This use case describes how the User can feedback about system
Actors	User
Basic Flow	<ol style="list-style-type: none">1. At every page of system, users click 'report' button in footer2. System displays 3 fields (name, phone number/email, image, description)3. Users fill all fields4. Users click on 'send' button

Alternative Flows	No
Pre-conditions	User have to login
Post-conditions	The user successfully send report to dev
Extension Points	No

2.10. Use-case: View history

Use case Name	View history
Brief description	This use case describes how the User and tutors can view history.
Actors	User, Tutors
Basic Flow	<ol style="list-style-type: none">1. At every page of system after login, users click on 'user icon'2. system displays the options (logout, profile, history, ...)3. Users click on 'history' button4. System displays history logs
Alternative Flows	No
Special Requirements	The system displays screens in less than 0.01s. The system returns messages in less than 0.01s.
Pre-conditions	User have to login
Post-conditions	The user successfully send view history
Extension Points	No

2.11. Use-case: Forgot password

Use case Name	Forgot Password
Brief description	If the user forgets the password, they can request to change the password.
Actors	User/Tutor
Basic Flow	<ol style="list-style-type: none"> 1. At the login page, the user clicks on the Forget Password button. 2. The system displays the Forget Password screen. 3. The user enters the email which is used to register an account and clicks the Enterbutton. 4. The system displays a screen to enter an OTP number. 5. Then the system sends OTP messages to that email. 6. The user enters that OTP into the box to confirm the change password request. 7. The system displays a Change Password screen. 8. The user enters a new password and clicks the Enter button to confirm. 9. The system returns a login page. 10. The user enters the username and the new password to login.
Alternative Flows	<p>Alternative Flow 1:</p> <ol style="list-style-type: none"> 1. In step 4, if the system does not send an OPT number, the user clicks the Resend button. 2. Then the system sends OTP messages to that phone number. 3. The user enters that OTP into the box to confirm the change password request. 4. The system displays a Change Password screen. 5. The user enters a new password and clicks the Enter button to confirm. 6. The system returns a login screen. 7. The user enters the username and the new password to login. <p>Alternative Flow 2:</p> <ol style="list-style-type: none"> 1. In step 6, if the user enters wrong OTP number, the system goes back to 2. The user enters the email which is used to register an account and clicks the Enter button. 3. The system displays a screen to enter an OPT number. 4. Then the system sends OTP messages to that email. 5. The user enters that OTP into the box to confirm the change password request. 6. The system displays a Change Password screen. 7. The user enters a new password and clicks the Enter button to confirm. 8. The system returns a login screen. 9. The user enters the username and the new password to login.

Special requirements	The system displays screens in less than 0.01s. The system returns messages in less than 0.01s.
Pre-conditions	The user is already registered as an account of this system.
Post-conditions	Re-sign to the system to use web
Extension Points	No

2.12. Use-case: Update profile

Use case Name	Update profile
Brief description	This use case describes how the User and tutor can change information profile
Actors	User/Tutor
Basic Flow	<ol style="list-style-type: none"> 1. At every page of system after login, users click on ‘user icon’ 2. System displays the options (logout, profile, history,, ...) 3. Users click on ‘profile’ button 4. System displays current information of this account 5. Users click on ‘update’ button 6. System displays 3 field to update (phone number, avatar, email) 7. Users fill one of 3 field 8. Users click on ‘update’ button
Alternative Flows	<p>Alternative flow 1: phone number or email is not unique</p> <ol style="list-style-type: none"> 1. Back to step #6 of the basic flow until the phone number and email is unique. 2. Continue step #6 in the basic flow <p>Alternative flow 2: Not click ‘save’ button</p> <ol style="list-style-type: none"> 1. In step 3, if the user does not click the Save button, the system will display the old information without changing. 2. The user clicks on the Profile button on the main screen. 3. The system displays all the information of this user. 4. The user edits any information and then clicks on the Save button. 5. The system successfully displays a Change Profile message and displays all the information of this user again after changing.
Special requirements	The system displays screens in less than 0.01s. The system returns messages in less than 0.01s.
Pre-conditions	User have to login
Post-conditions	The user successfully update profile
Extension Points	No

2.13. Use-case: View dashboard

Use case Name	View dashboard
Brief description	This use case describes how the Admin can view dashboard
Actors	Admin
Basic Flow	<ol style="list-style-type: none">1. At the homepage, Admin can view information of courses such as numbers of tutors, numbers of courses, numbers of courses which are ordered,...2. System displays the information of courses
Alternative Flows	No
Special Requirements	The system displays screens in less than 0.01s. The system returns messages in less than 0.01s.
Pre-conditions	User have to login
Post-conditions	The user successfully view dashboard
Extension Points	Chart, statistical.

2.14. Use-case: Post courses

Use case Name	Post courses
Brief description	This use case describes how the User can post courses
Actors	Tutor
Basic Flow	<ol style="list-style-type: none">1. At every page of system except login page, tutors click on ‘user icon’2. system displays the options (logout, profile, activities, ...)3. Users click on ‘products’ button4. System displays a list of courses5. Users click on ‘create’ button6. System displays fields (image, schedule, description,fee,...)7. Tutors fill all fields8. Tutors click on ‘post’ button
Alternative Flows	Alternative flow: if user is not a tutor <ol style="list-style-type: none">1. Notifying: “you are not a tutor”
Special Requirements	The system displays screens in less than 0.01s. The system returns messages in less than 0.01s.
Pre-conditions	User have to login and become a tutor
Post-conditions	The user successfully post courses
Extension Points	No

2.15. Use-case: Rating system

Use case Name	Rating system
Brief description	After hiring for 1 week, the user can rate the tutor to how satisfied so that other users can see the comments of previous users.
Actors	User
Basic Flow	<ol style="list-style-type: none">1. After hiring tutor, the user clicks on the chat bar to comment about tutor.2. System displays frame chat..3. User rates and comment about tutor experience and click button ‘send’4. System displays user comments.
Alternative Flows	No
Special Requirements	The system displays screens in less than 0.01s. The system returns messages in less than 0.01s.
Pre-conditions	User hiring tutor
Post-conditions	Everyone can see that rating, the comments of previous users, and consider hiring them.
Extension Points	No

2.16. Use-case: Chat with tutor, user or admin

Use case Name	Chat with tutor, user or admin
Brief description	Three roles can chatting with others
Actors	User, tutor, admin
Basic Flow	<ol style="list-style-type: none">1. On the tutor view, the user clicks on the Message button.2. The system displays a Message Box screen. In this box, the user can receive a message from the buyer. The user can send a message to Admin to ask for more information.
Alternative Flows	<ol style="list-style-type: none">1. In step 2, if the user wants to attach an image, video or files, the user clicks on the send attachment.2. The system displays the file manager of our web.3. The user clicks on the file they want to send.4. The system loads files, sends files and displays.
Special Requirements	The system displays screens in less than 0.01s. The system returns messages in less than 0.01s.
Pre-conditions	The user has been logged in successfully to the system.
Post-conditions	The user can provide more information about the tutor or the problem.
Extension Points	Send attachment