Table x Use Case Details - ADD-COUR: Add Course

|  |  |  |
| --- | --- | --- |
| Use Case ID: ADD-COUR | | Use Case Name: Add Course |
| Primary Actor(s): | User | |
| Secondary Actor(s): | N/A | |
| Description: | Add a course to user’s class schedule | |
| Preconditions: | User is already logged into ClassDiscuz and class schedule page is displayed. | |
| Normal Flow of Events: | 1. User presses “add course” 2. User enters course ID in ID filed textboxes or touches into name field and enters course name 3. User presses “search” 4. ClassDiscuz displays a list of search results 5. User selects a course 6. User presses “register”. ClassDiscuz class schedule page | |
| Postconditions: | Return to class schedule page, a course registered by the user is added to database. | |
| Frequency of Use: | Low | |
| Alternative Flows: | If there is no course displayed in step 4, user can only press “cancel”  If user press “cancel” in step 2, ClassDiscuz return to class schedule page  If user press “cancel” in step 4-6. ClassDiscuz return to step 2 | |
| Exceptions: | 1. in step 3, if user presses “search” without entering any entering anything in ID field textboxes or name field box, ClassDiscuz displays error message. 2. In step 3, if the course ID/course name that user entered is malicious format, ClassDIscuz displays error message. 3. In step 6, if user presses “register” without selecting any course, ClassDiscuz displays error message. 4. In step 6, if user tries to register a course that is time-conflicting with another registered course, ClassDiscuz displays error message. | |
| Assumptions: | User knows (part of) course ID or course name that he/she wants to add to class schedule | |
| Issues: | TBD | |
| Source: | N/A | |
| Includes: | N/A | |
| Associated Requirements: | N/A | |

Table x Use Case Details - SWI- CHAT: Switch to Chat

|  |  |  |
| --- | --- | --- |
| Use Case ID: SWI-CHAT | | Use Case Name: Switch to Chat |
| Primary Actor(s): | User | |
| Secondary Actor(s): | N/A | |
| Description: | Switch tab to chat page | |
| Preconditions: | User is already logged into ClassDiscuz and class schedule page is displayed. | |
| Normal Flow of Events: | 1. User presses “Chat” tab 2. ClassDiscuz displays chat page | |
| Postconditions: | ClassDiscuz displays chat page | |
| Frequency of Use: | High | |
| Alternative Flows: | N/A | |
| Exceptions: | N/A | |
| Assumptions: | N/A | |
| Issues: | TBD | |
| Source: | N/A | |
| Includes: | N/A | |
| Associated Requirements: | N/A | |

Table x Use Case Details - SEND-MSG: Send Message

|  |  |  |
| --- | --- | --- |
| Use Case ID: SEND-MSG | | Use Case Name: Send Message |
| Primary Actor(s): | User | |
| Secondary Actor(s): | N/A | |
| Description: | Send message to other users registered the same course | |
| Preconditions: | User is already logged into ClassDiscuz and chat page is displayed. | |
| Normal Flow of Events: | 1. User touches “chat” field textbox 2. User enters text or send multimedia (Use Case SEND-VOC, Use Case SEND-PIC) 3. User presses “send” button, ClassDiscuz send the text 4. ClassDiscuz displays messages sent by other users with their name and avatar 5. Repeat steps 1-4 | |
| Postconditions: | 1. Messages sent by the user will be sent to other users that registered the same course 2. Messages will be stored in database with user and time as chat history 3. Stay at chat page, user is able to send the next message | |
| Frequency of Use: | High | |
| Alternative Flows: | N/A | |
| Exceptions: | 1. In step 3, if user tries to send a empty message. ClassDiscuz displays error message. 2. In step 3, if user tries to send a message that is longer than 255 characters, ClassDiscuz displays error message. | |
| Assumptions: | N/A | |
| Issues: | TBD | |
| Source: | N/A | |
| Includes: | SEND- VOC: Send Voice; SEND- PIC: Send Picture | |
| Associated Requirements: | N/A | |

Table x Use Case Details - SEND- VOC: Send Voice

|  |  |  |
| --- | --- | --- |
| Use Case ID: SEND-VOC | | Use Case Name: Send Voice |
| Primary Actor(s): | User | |
| Secondary Actor(s): | N/A | |
| Description: | Send voice when chatting | |
| Preconditions: | User is already logged into ClassDiscuz and chat page is displayed. | |
| Normal Flow of Events: | 1. User presses “send voice” button 2. ClassDiscuz displays send voice dialog 3. User pressing microphone icon 4. User speaking, ClassDiscuz recording voice through System API 5. User loosens microphone icon, ClassDiscuz send the voice 6. ClassDiscuz displays messages sent by other users with their name and avatar 7. repeat steps 3-6 | |
| Postconditions: | 1. Voice sent by the user will be sent to other users that registered the same course 2. Voice will be stored in database with user and time as chat history 3. Stay at chat page with voice dialog, user is able to send the next voice message | |
| Frequency of Use: | High | |
| Alternative Flows: | 1. In step 3, user presses “send text” button, ClassDiscuz return to chat page with chat textbox 2. In step 5, user loosens microphone icon with finger slides up, the voice will not be sent by ClassDiscuz | |
| Exceptions: | 1. In step 5, if user send a voice that is less than 1 second, ClassDiscuz will prompt that the voice is too short and will not send the voice 2. In step 4, if user is recording a voice longer than 2 minutes, ClassDiscuz will stop recording automatically and send the voice | |
| Assumptions: | There is a microphone on user’s device | |
| Issues: | TBD | |
| Source: | N/A | |
| Includes: | N/A | |
| Associated Requirements: | N/A | |

Table x Use Case Details - SEND- PIC: Send Picture

|  |  |  |
| --- | --- | --- |
| Use Case ID: SEND-PIC | | Use Case Name: Send Picture |
| Primary Actor(s): | User | |
| Secondary Actor(s): | N/A | |
| Description: | Send picture when chatting | |
| Preconditions: | User is already logged into ClassDiscuz and chat page is displayed. | |
| Normal Flow of Events: | 1. User presses “send picture” button 2. ClassDiscuz displays send picture dialog 3. a. User selects “take a photo”, ClassDiscuz invoke camera application of system   b. User selects “select from existing photos”, classDiscuz invoke photos application of system   1. User takes a new photo or selects a photo in system application 2. ClassDiscuz send the photo 3. ClassDiscuz hides send picture dialog | |
| Postconditions: | 1. Picture sent by the user will be sent to other users that registered the same course 2. Picture will be stored in database with user and time as chat history 3. Stay at chat page, user is able to send the next message | |
| Frequency of Use: | High | |
| Alternative Flows: | 1. In step 3, if user presses “cancel”, then ClassDiscuz will go to step 6 2. In step 4, if user press “cancel” in system application, then classDiscuz will return to step 2 | |
| Exceptions: | N/A | |
| Assumptions: | There is a camera on user’s device | |
| Issues: | TBD | |
| Source: | N/A | |
| Includes: | N/A | |
| Associated Requirements: | N/A | |

Table x Use Case Details - SWI-COUR: Switch Course

|  |  |  |
| --- | --- | --- |
| Use Case ID: SWI-COUR | | Use Case Name: Switch Course |
| Primary Actor(s): | User | |
| Secondary Actor(s): | N/A | |
| Description: | Switch course chat page to another registered course | |
| Preconditions: | User is already logged into ClassDiscuz and chat page is displayed. | |
| Normal Flow of Events: | 1. User selects a course in the course lists laid on the left side of chat page 2. ClassDiscuz displays the chat page of the selected course | |
| Postconditions: | Current course chat page switches to the selected course chat page | |
| Frequency of Use: | High | |
| Alternative Flows: | If the course that user selected is the current active course, then chat page stays at the current course chat page. | |
| Exceptions: | If there is no course that is registered by the user, then chat page displays a blank page | |
| Assumptions: | N/A | |
| Issues: | TBD | |
| Source: | N/A | |
| Includes: | N/A | |
| Associated Requirements: | N/A | |