**CS408: InClass Test Plan**

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User Story 1 (As a user (student/professor) I want to be able to login to my account)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 011 | Log in correctly | Log in with the correct credentials | You are logged in as that user | 1 |
| 012 | Log in with bad password | Log in with incorrect password | You are not able to log in | 2 |
| 013 | Log in with bad username | Log in with any password and an email that has not been registered | You are not able to log in | 2 |

User Story 2 (As a user (student/professor) I want to be able to log out of my account)

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| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 021 | Log out toolbar | Click the log out button on the toolbar in the top right | User is successfully logged out | 2 |
| 022 | Log out profile | Click the logout button located in the profile view | User is successfully logged out | 2 |

User Story 3 (As a user (student/professor) I want to be able to sign up for an account)

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| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 031 | Register for an an account correctly | Register with a valid email that hasn’t been registered, and with a correctly repeated password | Account is registered | 2 |
| 032 | Register with incorrectly repeated password | Attempt to register an account with a valid email that hasn’t been registered yet, but incorrectly repeat the password in the second password field | Unable to register account | 2 |
| 033 | Register with an invalid email | Attempt to register with an random garbage in the email field | Unable to register account | 2 |
| 034 | Register with an email that has already been registered | Attempt to register with an email that has already been registered | Unable to register account | 2 |

User Story 4 (As a user (student) I would like to be able to be marked present for a class using the camera on my phone)

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| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 041 | Take attendance using camera on phone | In a registered class, attempt to mark your attendance by using camera function | Attendance is marked correctly | 2 |

User Story 5 (As a user (student/professor) I want to be able to view classes I have registered)

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| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 051 | View courses | Click on the courses button in the top toolbar | User’s courses are displayed correctly | 2 |
| 052 | Dropped class doesn’t display | Drop a class that you are registered for | Class is no longer displayed | 2 |

User Story 6 (As a user (student/professor) I want to be able to drop my class after the semester)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 061 | Drop class after the semester | Click the drop class button after the semester is ended | Class is no longer displayed | 2 |

User Story 7(As a user (student/professor), I want to be able to view my/class attendance grade history)

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| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 071 | View attendance grade as professor | Click the Class Attendance History button while in a class the user created (as a professor) | Class history should be displayed | 2 |
| 072 | View attendance grade as student | Click on the Class Attendance History button while in a class the user is registered in (as a student) | Class history of user should be displayed | 2 |

User Story 8 (As a user, I want to be able to view slides on my computer, and I want my slides to advance as my professor advances the slides)

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| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 081 | Upload slides | Click on the upload file button as a professor, then select a file in PDF format and click upload | The uploaded file should appear under course documents | 2 |
| 082 | View Slides | Click on view slides while as a student | The current slides shown should be the same as the professor | 2 |
| 083 | Advance Slides | As a professor while viewing slides, click on the next arrow button. | The slide should move to next page for the professor and any students veiwing | 2 |

User Story 9 (As a user (student), I want to take quizzes that my professor assigns.)

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| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 091 | Take quiz | As a student, in a course with an active quiz, click on take quiz. | A pop-up should appear with the given quiz questions and answers | 2 |

User Story 10 (As a user (student) I want to be able to add a class to my roster.)

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| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 101 | Add valid course code | Click on the Register Course button. In the field enter a course code of an already created course then click add course. | The added course should appear under the courses area | 3 |
| 102 | Add invalid course code | Click on the Register Course button. In the field enter a code of a course that has not been created then click add course | No additional course should be added under the student’s course list | 2 |

User Story 11 (As a user(professor) I want to be able to create a new class for students to join)

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| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 111 | Create Course | On the courses page, click on the create course button. Give the course a name and date then click on create course. | The course should appear under the courses (instructor) list with a unique code | 2 |

User Story 12 (As a user (professor), I want to open attendance and show the QR code.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 121 | Open Attendance | Click on the open attendance button. | A QR code should appear on screen | 2 |
| 122 | Take Attendance | Click on the take attendance. With the camera up, have the QR code in frame. | The student should be added to the attendance list | 2 |

User Story 13 (As a user (professor), I want to assign quizzes to my students in class.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 131 | Assign quiz | As a professor, click on Create a Quiz. Enter a question with a answer and then click on Send Quiz. | The sent quiz should be active to all students in the class | 2 |
| 132 | Assign quiz with blank question | When creating a quiz, click on submit with providing a quiz answer. | The quiz should be created. | 2 |

User Story 14 (As a user (professor) I want to share files that are used in class to my students)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 141 | Upload file | Click on the upload file button. Give the file a name then select a file from your computer. Click on upload file. | The file should appear under course documents | 2 |

User Story 15 (As a user (professor), I want to be able to display quiz results to students.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 151 | Display quiz results | Click on the check quiz results button. | A pop-up should appear showing all the questions from the quiz with percentages of students’ answers | 2 |

User Story 16 (As a user (student) I want to view the class average scores on quizzes)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 161 | Score Averages Visible | Under the class page click on the “Check Quiz Results” button | The average score for the class is visible | 2 |
| 162 | Score Averages Accurate | Under the class page click on the “Check Quiz Results” button | The displayed average class scores on quizzes are accurate | 3 |

User Story 17 (As a user (student), I want to be able to be able to use the application on my mobile phone and laptop.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 171 | Laptop Usable | Access the InClass website on Laptop | Website UI remains usable and streamline for the user on laptop | 2 |
| 172 | Mobile Usable | Access the InClass website on Mobile device | Website UI remains usable and streamline for the user on mobile | 2 |

User Story 18 (As a user (student) I want to see visual graphs of class grades.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 181 | Graphs Display | Under the “class page” navigate to view the graphic | A graphic visual will display in the UI | 2 |
| 182 | Graph Information Accurate | Under the “class page” navigate to view the graphic | The information displayed on graphic visuals in correct | 3 |

User Story 19 (As a user (student) I want to be able to anonymously ask questions for the professor to answer in real time.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 191 | Check anonymity | Student ask a question | The question should not show any information about the student who posted the question | 2 |
| 192 | Check if the question is real time | Student ask a question | Update student’s question immediately | 2 |

User Story 20 (As a user (professor/student) I want to be able to view questions of other students.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 201 | Professor account should be able to view questions of all students | Login using a professor account | Should be able to view all students’ questions | 2 |
| 202 | student account should be able to view questions of other students | Login using a student account | Should be able to view other students’ questions | 3 |

User Story 21 (As a user (student), I want “Yeah” (like) a posed question.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID Number | Descriptive title | Instructions | Expected Result | Severity |
| 211 | Student should be able to like a post | Click the like button under the post | The likes of a post increase by 1 | 3 |