

System and Unit Test Report

Coursierge
June 5th, 2018

Sprint 1:

User Story 1: As a professor, I would like to stream my coursework to accommodate those who cannot see it in person.

User Story 2: As a student, I would like to connect to my professor's stream because I want to do well in school.

Scenario:

1. Start Coursierge Application
2. If the user wants to create a stream (professor)
 - a. Click on the professor button
 - i. Enter the class name in the text box
 - ii. Click "Start Session"
3. If the user wants to view a stream (student)
 - a. Click on the student button
 - i. Enter the class name in the text box
 - ii. Click Join Session

Sprint 2:

User Story 1: As a user, I want a clean and creative UI to allow me to easily establish a connection to lectures.

User Story 2: As a user, I want a reliable connection to watch or broadcast classroom content.

Scenario: Same as above but now with clean and crisp UI to guide you.

Sprint 3:

User Story 1: As a student, I would like to be able to ask questions to the professor for clarification.

User Story 2: As a professor, I would like to be able to view student's questions and answer them.

User Story 3: As a professor, I would like to be able to ask questions to my students and have them answer.

Scenario:

1. Start the Coursierge App
 - a. If I am a professor,
 - i. Click on Professor
 - ii. Enter class name and click start session
 1. Click on more
 - a. Click on Ask Question:
 - i. Enter the Question and the multiple choice answers.
 - ii. Click Send Question
 - b. Click on View Responses
 - i. Populated the responses
 - c. Click on View Questions
 - i. Populates Student Questions
 - b. If I am a student
 - i. Click on Student
 - ii. Enter class name and start viewing
 1. Click on More
 - a. Click on View Questions
 - i. Populates Professor asked questions
 1. Click on a question
 - a. Fill out the answers
 - b. Click submit
 - b. Click on Ask A Question
 - i. Fill out your question
 - ii. Click send question

Sprint 4:

User Story 1: As a professor, I would like to be able to present outside documents to student's over the app.

User Story 2: As a student, I would like to be able to see powerpoints, word documents, pdfs, etc that my professor would like to display.

User Story 3: As a professor, I would like to save bandwidth or have a private session with just audio.

User Story 4:

Scenario:

1. Start the Coursierge App;
2. If I am a professor,
 - a. Click on Professor
 - i. Enter Class name and start streaming
 1. Simply exit the back (running in the background) and view the documents you want
 - ii. Enter Class name and start streaming
 1. Click Toggle Video to stop video stream and only have audio
 2. Click it to turn video back.
3. If I am a student,
 - a. Click on Student
 - i. Enter Class name and view the stream
 1. If the professor begins to share his screen, then it will come automatically as part of his stream.