Delivery Report #2 - G.A.L.S.

CSCI3356 Software Engineering

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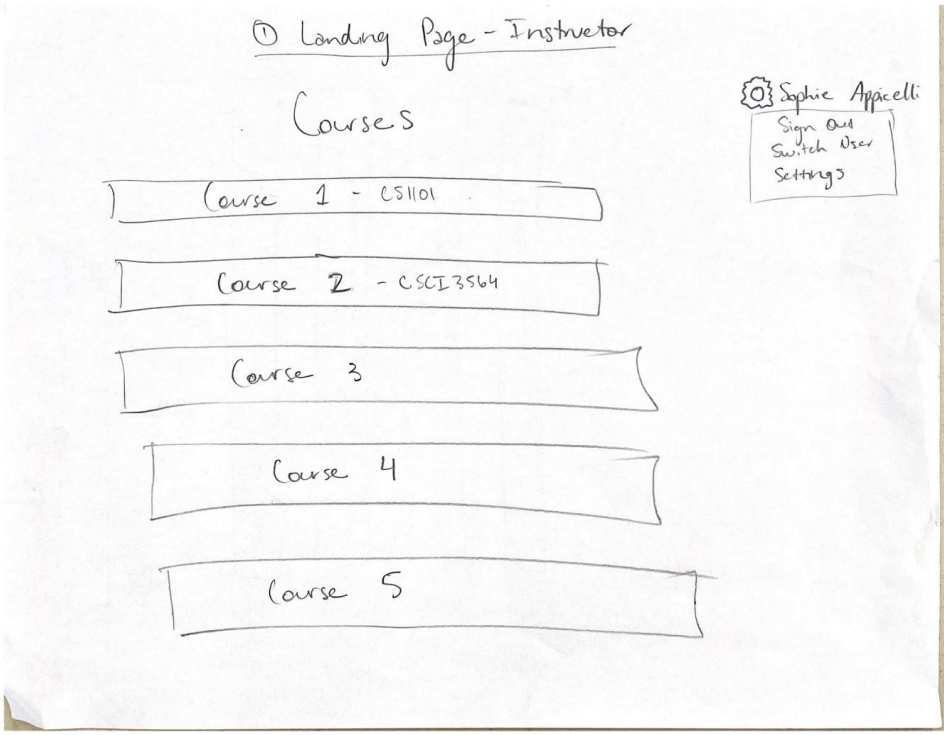
For delivery #2, we designed seven prototypes for our projects: 6 interfaces for a desktop browser and 1 interface for a smartphone version of the evaluation sheet. Initially, we built low fidelity paper sketches for each page. There were several advantages to this, as these sketches were disposable, fast to construct, and easy to manipulate. Additionally, we effortlessly established a general layout and element locations. Afterwards, we transformed these sketches into medium fidelity HTM/CSSL prototypes. These prototypes contained minimal clutter, plainly visible elements, easy separation, and plainly visible elements. We classified these prototypes as medium fidelity because of our functioning buttons, but absence of link between pages.

Prototype #1: Landing page for the instructor (low fidelity followed by high fidelity)



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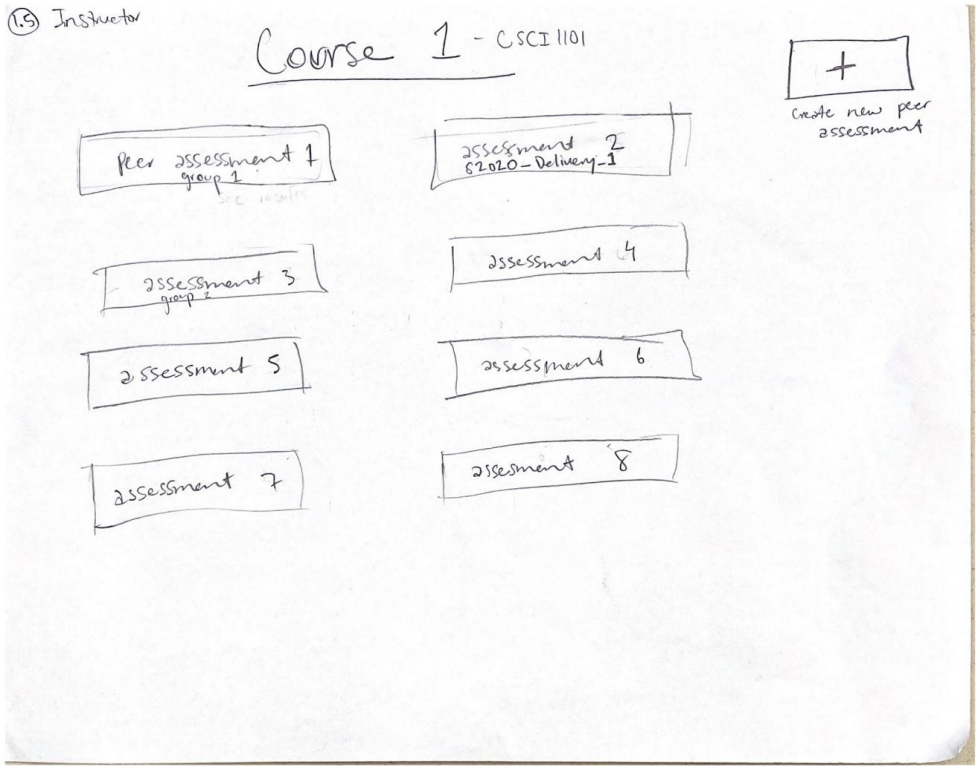
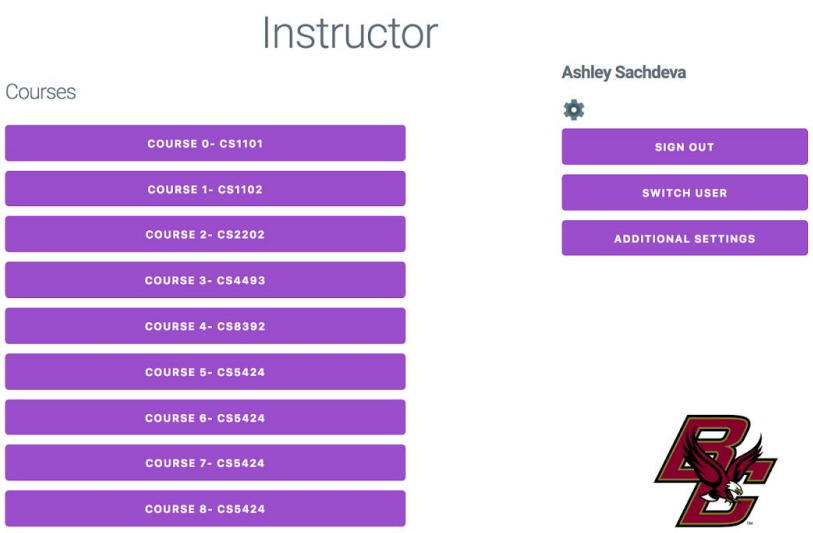


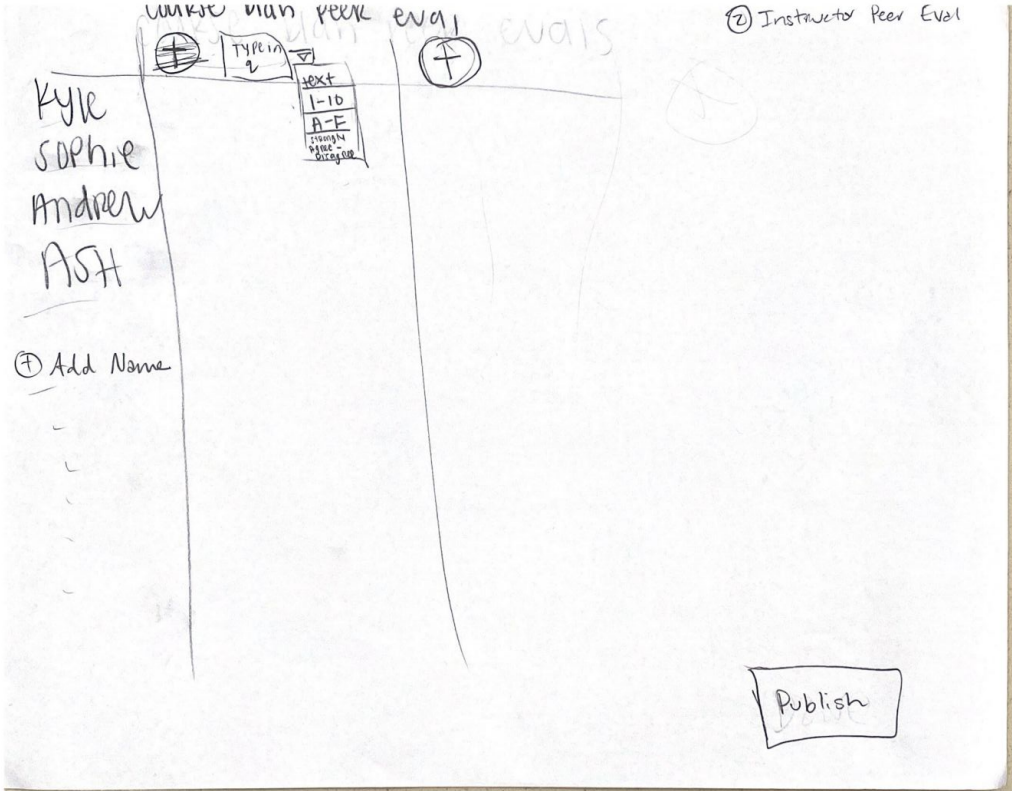


The instructor landing page displays all current courses taught by the instructor. After selecting the course, the instructor is redirected to peer assessments for the given course. There is a clear segmentation of which assessments belong to which course, indicated by the title of the second screen. Additionally, there is a visible button to create a new assessment at the top right.

Prototype #2: Peer assessment creation for the instructor (low fidelity followed by high fidelity)

(See following page)

Prototype #2: Peer assessment creation for the instructor (low fidelity followed by high fidelity)



Course Peer Evaluation

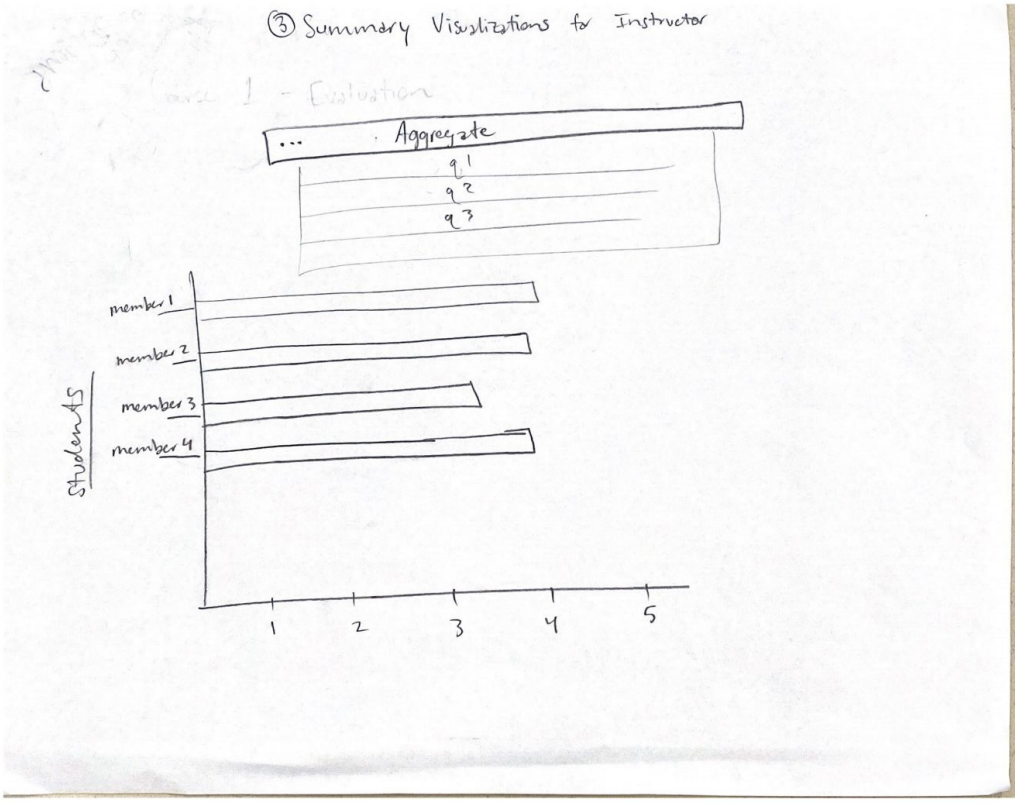
Name	How would you rate your slapshot?	Add question +
Patrick Kane	10	--
Anthony Rizzo	3	--
Stan Bowman	1	--
Tyler Seguin	9	--
Artemi Panarin	9	--
Patrick Sharp	7	--
Add name +		

Text
✓ 1-10
A-F
Strongly Agree-Disagree

The peer assessment creation interface is designed to allow for ease of customization

via questions, students, etc. Instructors can add students and questions, as well as format these questions based on their needs. Buttons are spaced and positioned in clear and logical locations to improve presentation and reduce chance of accidental publication. Default answer options for each question are provided via drop-down menu. Possible answer types are text, 1-10, A-F, or strongly agree-disagree.

Prototype #3: Summary visualization of peer assessment results (low fidelity followed by high fidelity)

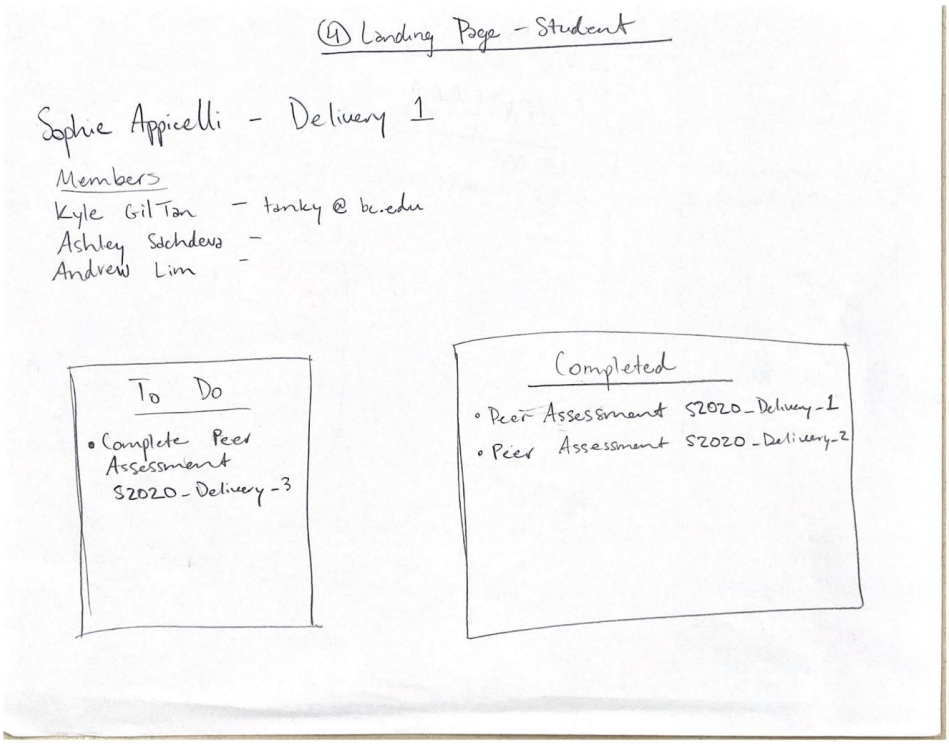


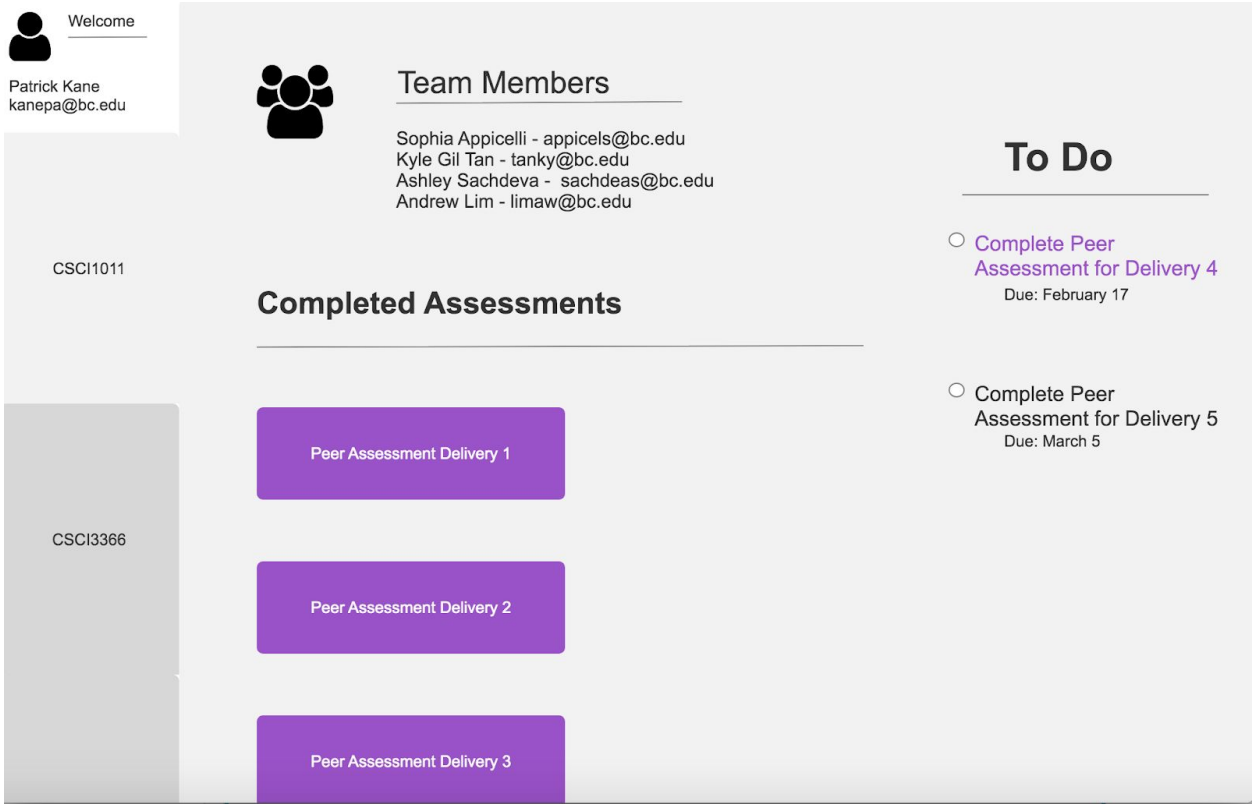
Results for the summary visualization interface are displayed for the instructor, with the page defaulting to aggregate results for each student. The x-axis contains the average answer for each student based on the questionnaire format selected by the instructor. The y-axis contains each student participating in the assessment. Instructors have the option of viewing average results of students for a specific question number.

Prototype #4: Landing page for the student (low fidelity followed by high fidelity)

(See following page)

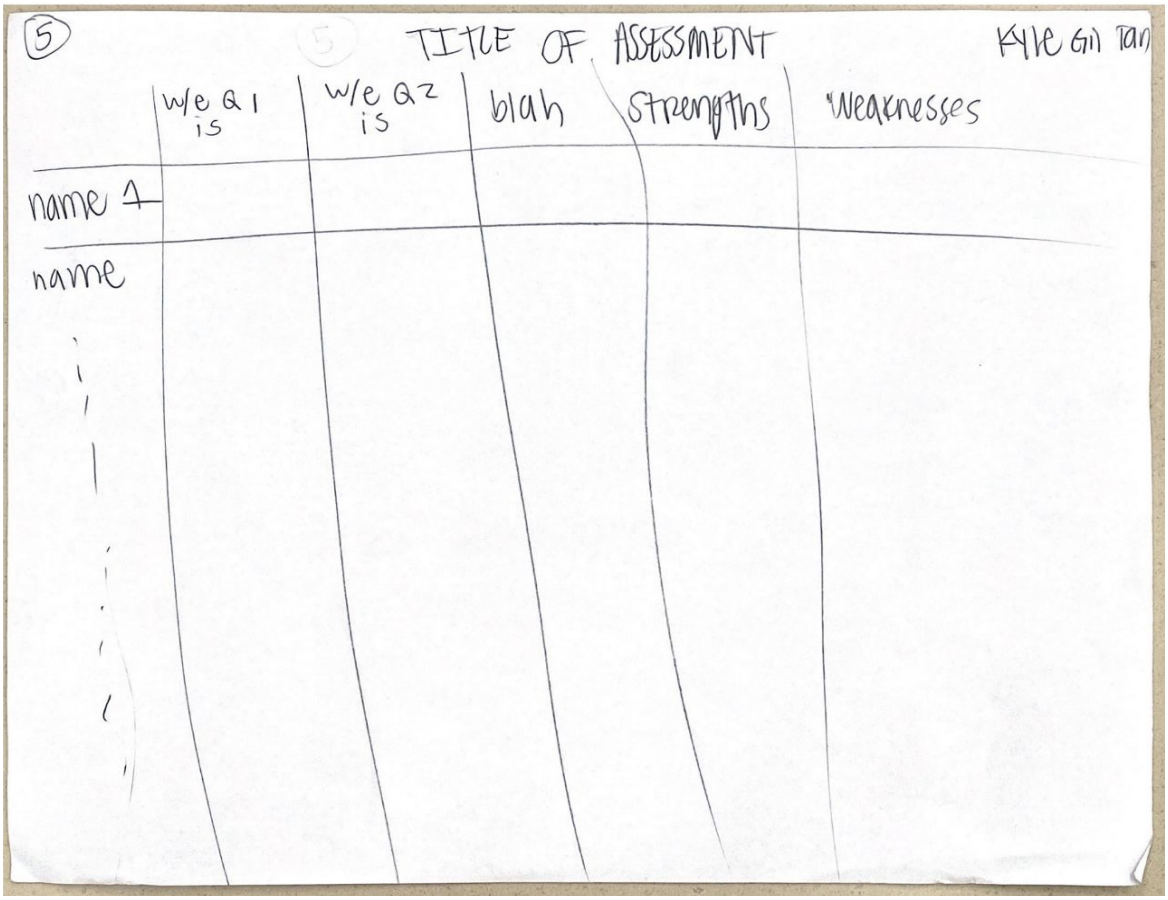
Prototype #4: Landing page for the student (low fidelity followed by high fidelity)





The landing page for the student displays general student information as well as relevant team information as per parameters. The interface keeps lists of available and completed tasks in clearly visible positions without the need for additional menu access. Tasks on “To Do List” are buttons that redirect students to peer assessment. Tasks on “Completed List” are buttons that redirected you to your submission.

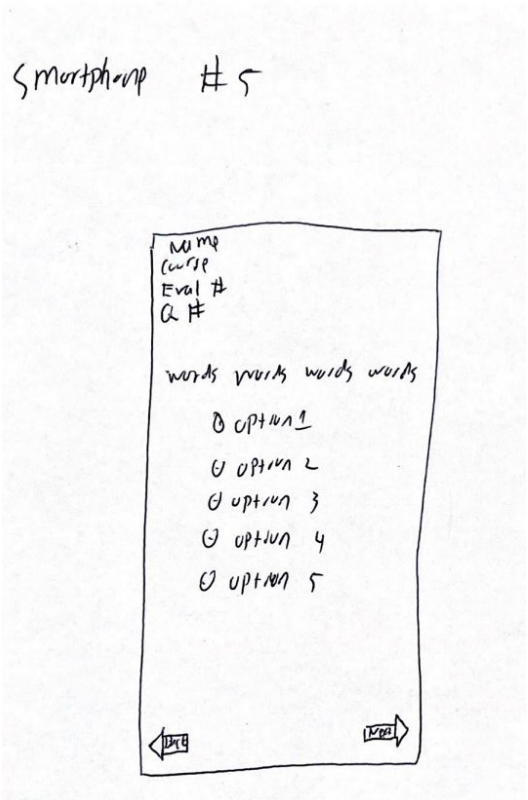
Prototype #5: Peer assessment each student must answer (low fidelity followed by high fidelity)

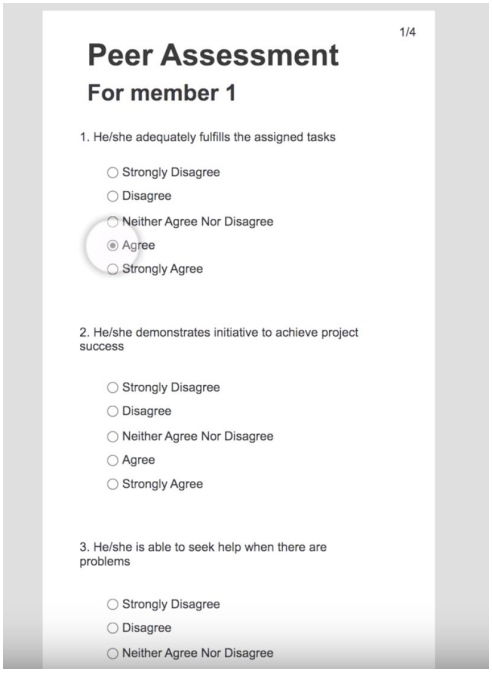


CSCI1011 Delivery 1 Evaluation

Name	He/she adequately fulfills the assigned tasks	He/she demonstrates initiaitive to achieve project success	He/she is able to seek help when there are problems	Strengths	Weaknesses
Patrick Kane	Strongly Agree	Agree	✓ Strongly Disagree, Disagree, Neither Agree Nor Disagree, Agree, Strongly Agree	Team Player	None
Anthony Rizzo					
Stan Bowman					
Tyler Seguin					
Artemi Panarin					
Patrick Sharp					

Submit



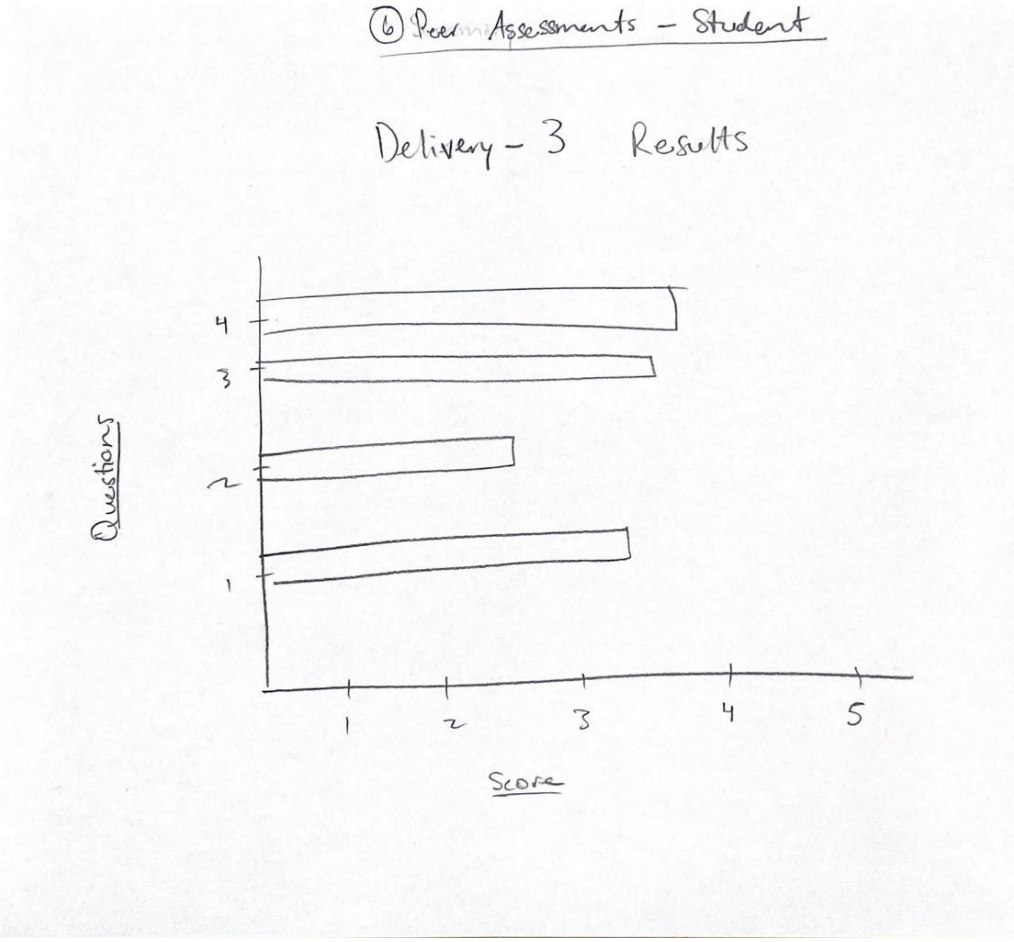


(For video demonstration of mobile interface please see PowerPoint located on GitHub)

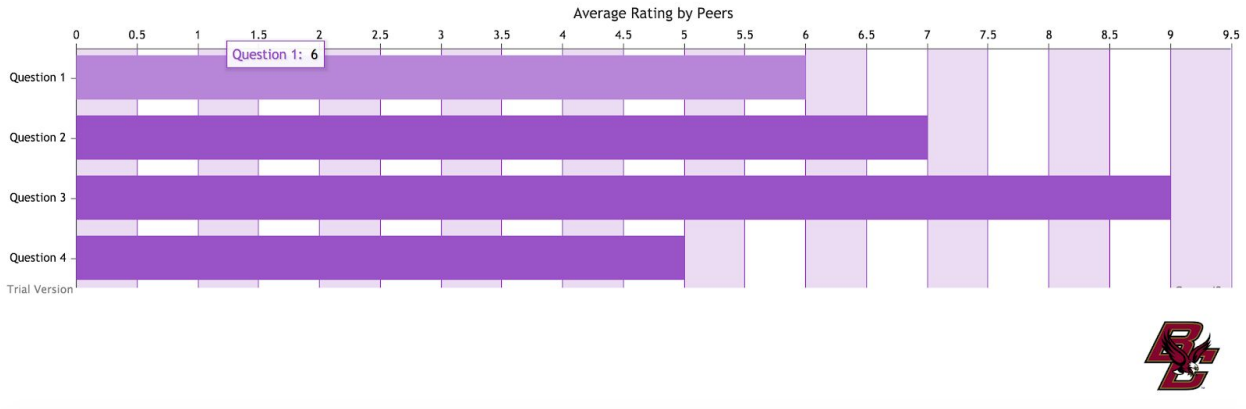
The web interface of the peer assessment each student must answer allows students to see and answer multiple questions at once. The answer choice is limited based on Instructor's

preselected configuration, such as text, 1-10, A-F, or strongly agree-disagree. Due to resolution restrictions, the mobile interface for the peer assessment presents all questions for one student to make answering easier on smaller screens. The student must then hit the “next” button at the bottom of the screen to answer the same questions for another student. The top right of the mobile interface indicates how many students must be assessed. Mobile answers are in the form of multiple choice or text box.

Prototype #6: Peer assessment results a student can see (low fidelity followed by high fidelity)



CSCI1011 Delivery 1 Assessment Summary



The interface for peer assessment results accessible by students indexes student results for a given peer assessment by each question. The default screen quantifies questions on a 1-5 scale to show results for easy comparison. Additional formats will be implemented to allow students to view feedback for short response questions such as strengths/weaknesses, likely in the form of text boxes to directly output question responses.