

APSC 1001 - Fall 2020: Final Project Specs

Mobile apps motivated by
COVID-19 pandemic and social
innovation potential

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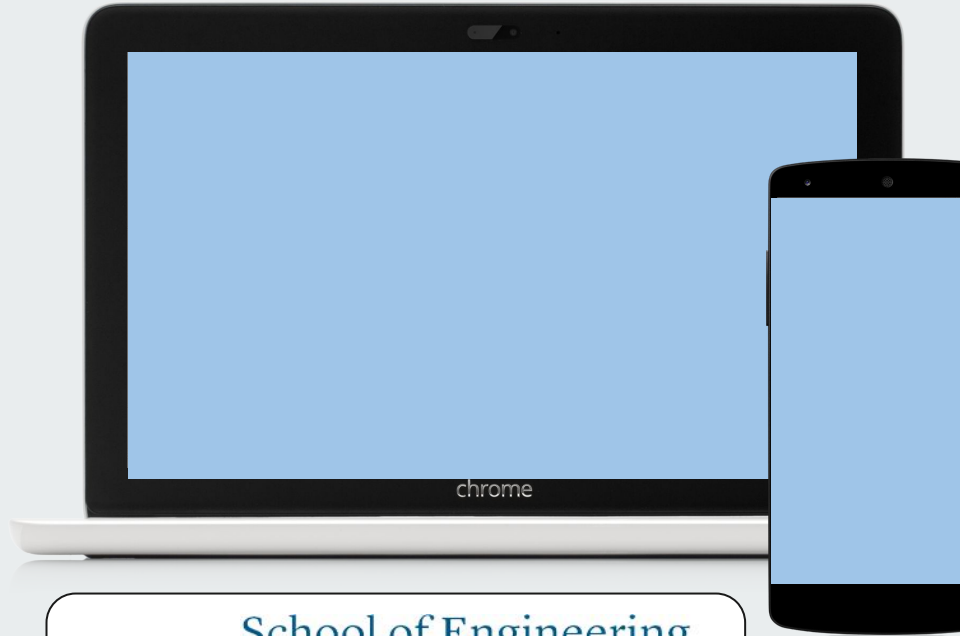
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Remote Teamwork

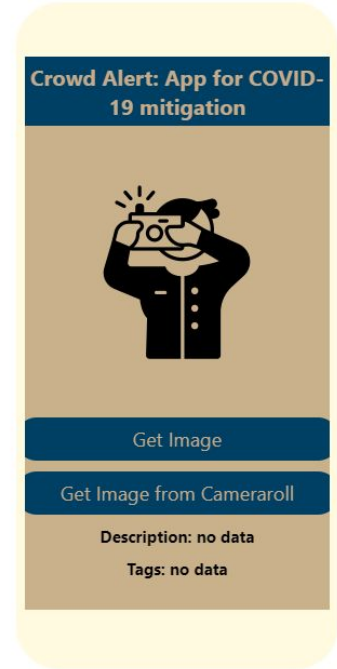
- Throughout classes and career, you will need to work in small teams to complete a product
- **Thunkable doesn't have real-time collaboration like Google Docs**
- Come up with a teamwork plan. Some possible options:
 - Designate one person to be a “scribe” and create the app over a call
 - Copy and update the app between your accounts
 - Each make something individually and meet to merge them/decide on one
- Your methods are up to you! **In the end, we just want one link to a completed app**
- Feel free to use our BBUltra course room as a virtual meeting place
 - **Using Slack to communicate with your team and instructors is essential**

Be communicators and let the instruction team mentor you!

Option 1: Crowd Alert

Crowds are dangerous right now! We need an app to detect a large group of people.

- User interface (UI) should be visually appealing
- Must allow user to *upload* a photo from device or *take* a photo using device camera
- Should use the *Image Recognizer* component to analyze the photo to check for crowds
- Should warn the user if a crowd is detected (through sound, color, or text)

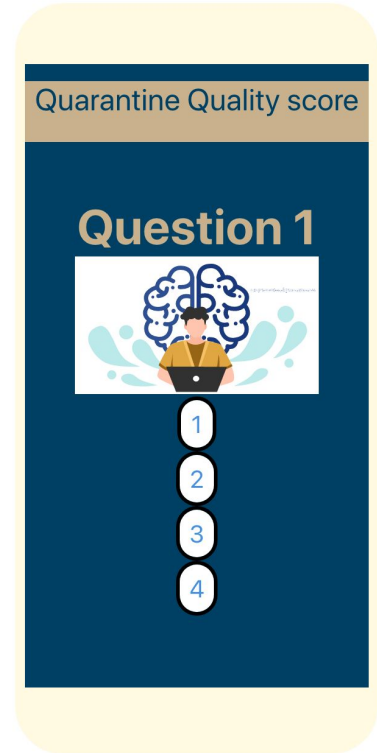


Interface idea (yours doesn't have to look like this!)

Option 2: Quarantine Quality

Quarantine has changed how we live. This app uses a quiz to track its effects and identify how to improve your stay-at-home situation

- User interface (UI) should be visually appealing
- Must feature several questions that cover different aspects of quarantine effects (ex: physical health, mental health, socialization, etc)
- Must feature a tallying score
 - **HINT:** use the *data table(DB)* feature to keep track of score
- Must give feedback indicating good or bad quarantine quality based on score



Interface idea (yours doesn't have to look like this!)

Option 3: COVerify

Misinformation about COVID-19 is rampant. An app to identify reputable sources would be a powerful tool.

- User interface (UI) should be visually appealing
- Must allow user to input a link to a web page
- Must give the user feedback on whether the website is “reputable” (maybe a numeric score or a simple yes/no)
 - You will need to come up with criteria for a reputable website!
This could be as simple as a list of trusted sources
- User should be able to preview the web page by pressing a button
 - **HINT:** use the “Web Viewer” component



Interface idea (yours doesn't have to look like this!)