

Weekly Report (4/27/21 - 5/4/21)

Accomplishments

- Front end for Major Survey sliders and multi selectors for user input
- Front end Pop up modal for bookmarking
- GPA deletion bug eliminated and Post v/ Patch for user survey submission (first v. second+ time editing the survey)
- Research for major data set completed
- Fixed college detail UI issues
- Tested lazyloader from the component that loads the information via API
- Fetched and display lists of university via a GET method API call
- Implemented college Detail UI
- Implemented college detail and college states listing APIs
- Implemented methodologies to create, update, and retrieve scholarship survey results APIs.
- Implemented some methodologies to handle missing data for college collection when the API call is made.
- Optimized the APIs when authenticating the user.
- Found a way to cast a physical cell phone on the screen so that we are prepared for the demo.
- Recommendation models for scholarship, major, college established
- Added ability to store and retrieve bookmarks, as well as recently viewed pages on the backend

Upcoming Goal

- Drafting final presentation and report.
- A website that introduces the project.
- Front end for recent view & bookmark
- Update user's questionnaires via API
- Display college detail and major by Fetching API
- Eliminate Lazy Loader Bugs (optimizing React Native Flat list component)

- Eliminate clickaway bug for pop up bookmark modal
- There are tests that need to be done for the college and major survey APIs. Yet, the methodologies have been implemented.
- Test solutions for removing a key from Secure Store API on React Native.
- Integrate all API calls from the React Native with JWT, UUID, and email for verification.
- Validate the password is hashed and compared when storing and sign in.
- Create Major UI screens and APIs.
- Testing recommendation models
- Creating collections for major and college binary strings
- Appending additional information to colleges and majors collections
- Update to recently viewed page retriever in order to retrieve pages by type
- Project/team website

Issue & Barriers

- Lack of suitable drop down selector components for expo (dual platform compatible)
- Backend and Frontend term mismatch for scholarship survey terms. We remove or rename the ones that were not applicable or inappropriate. However, Micheal was able to resolve it, and more testing is needed in order to validate the solution.
- There was an issue with JWT when we utilized a non-UTC timezone time stamp. It will decode and return an incorrect JWT expire result. However, this issue was resolved after carefully reading through the JWT documentation, UTC time zone is essential for the JWT.
- Remove a key from the Secure Store API on React Native doesn't work. However, a possible solution is found, and it will be tested soon.
- Since some universities and colleges details have inconsistency or missing data, it is to manipulate them into frontend.
- Handling missing ACT and SAT scores with the college recommendation