Elaboration Report Phase 1

Jacob Evangelista, Abdulaziz Khan, Andrew Ferasol, Sean Janssens

November 6th, 2020

1 Code Repository

• The code repository will be on GitHub. Which will be our primary platform for our code. Our source code will be in the following link:
https://github.com/abdulazizkhan75/GroupProject3220

• For the FrontEnd, we will be using HTML and CSS. As for the BackEnd, we will be utilizing Java 8.

• When making UML diagrams, we will be using DrawIO.

2 Version Control

• There is a built in feature in GitHub that allows team members to view various changes and modifications to the code. This feature will also benefit us in case of any bugs that may occur. Therefore we can revert back to a previous working version to determine the bug

• Link to the Version Control:
https://github.com/abdulazizkhan75/GroupProject3220/commits

3 Bug Reporting Tool

• As mentioned before, there is a built in feature that will help us determine the bug. There is an "Issues" tab in GitHub that will allow team members to upload and tackle the various different bugs.

• Link to the Bug Reporting Tool:
https://github.com/abdulazizkhan75/GroupProject3220/issues

4 Project Management

• Like in the version control, there is a built in feature in GitHub called commit that allows the team members to view the progress of the project and view what tasks are still pending.

• Link to the Project Management:
https://github.com/abdulazizkhan75/GroupProject3220/commits

5 Testing Strategy

] • Our testing strategy will be that we will build the FrontEnd and BackEnd that we have developed in elaboration phase 1 and ensure that they work accordingly. If they do not, we will adjust those features while adding more features in elaboration phase 2 which we will also thoroughly test.

6 Documentation Repository

• All of our documentations will also be located within GitHub. There will be a documentation folder that will contain all of our pdf from UML diagrams to Elaboration Reports, etc.

• Link to the Documentation Repository:
https://github.com/abdulazizkhan75/GroupProject3220/blob/main/Documentation.zip

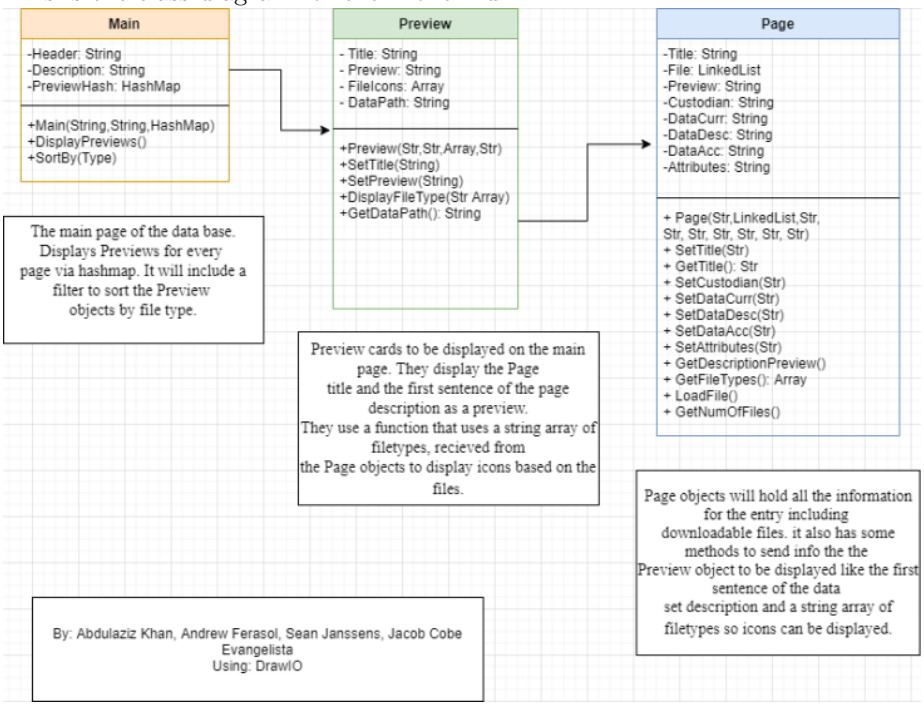
7 Phase Plan

• One of the tasks for this phase plan is to create the various UML diagrams for the FrontEnd and BackEnd.

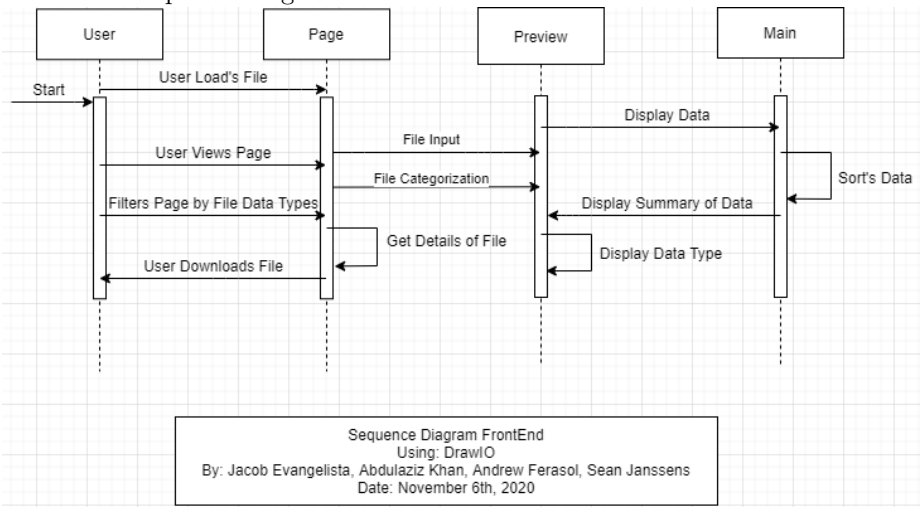
• Another task is to develop a working prototype of the website and the back bones of the site.

• The resulting product for this iteration would include a functional method to download files. Depending on which category you want, there will be a section to access the different categories of the users wanted data.

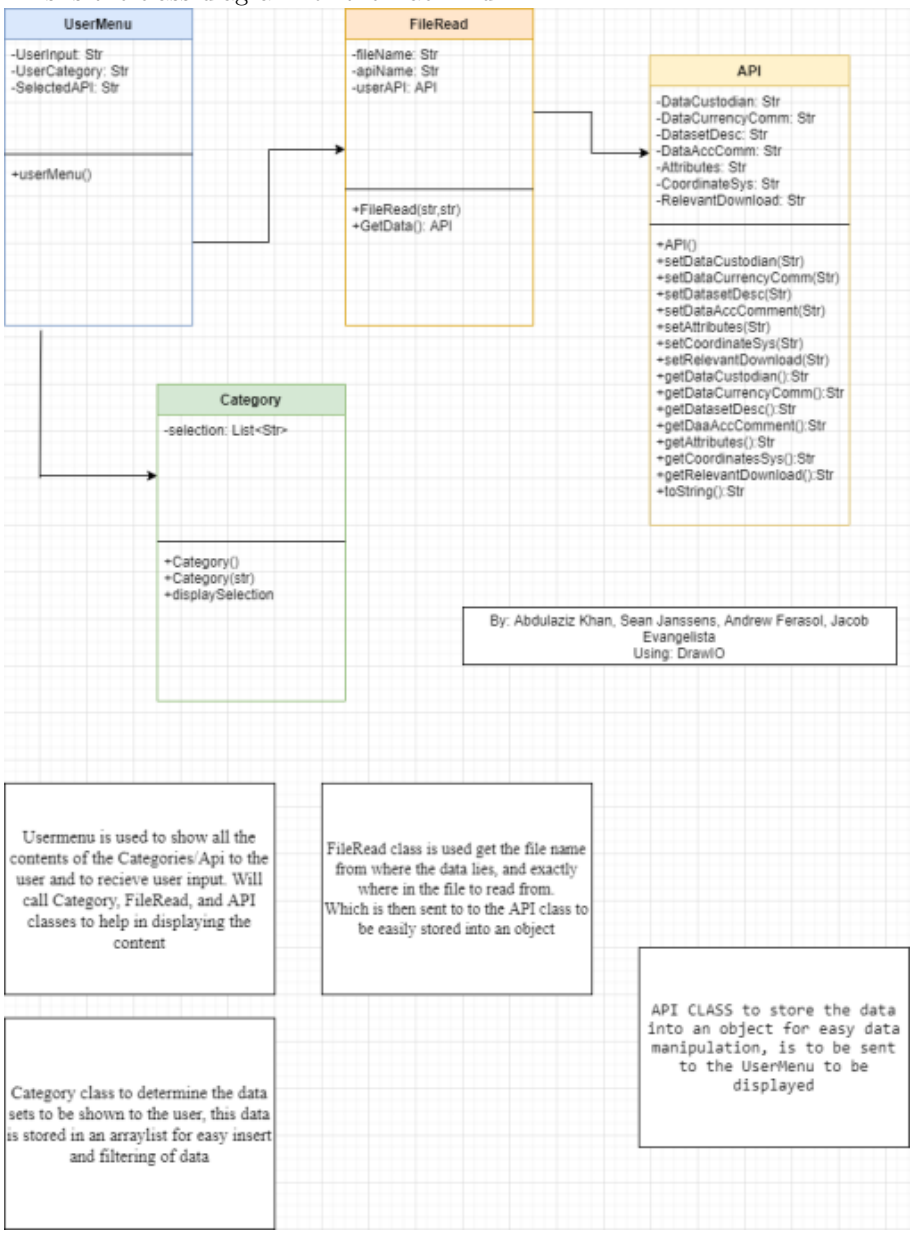
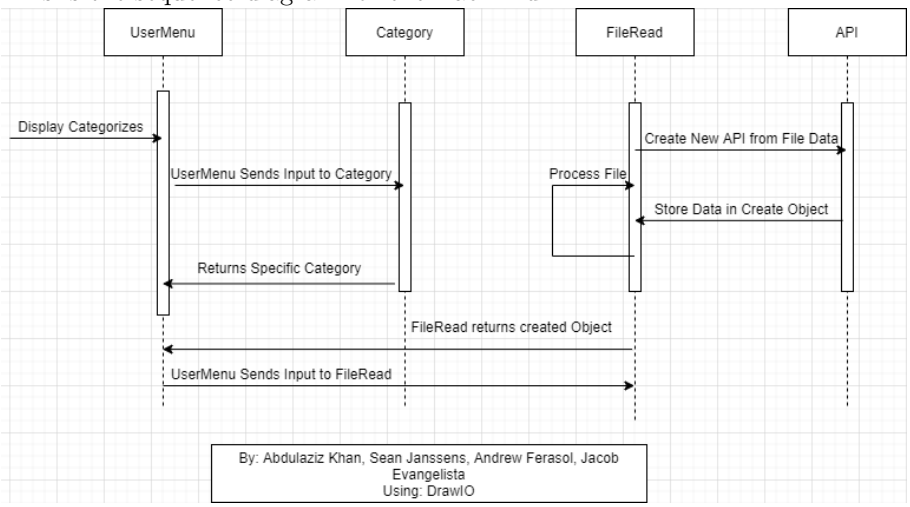
This is the class diagram for the FrontEnd



This is the sequence diagram for the FrontEnd



This is the class diagram for the BackEnd



This is the sequence diagram for the BackEnd