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*Class: **4631s2022***

*Professor : **Dr. Haim Levkowitz***

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Project initial design

1) <u>A title</u>

The title of the app is **NewsWorld App**

2) <u>*Description of topic, problems to be addressed and goals of the projects*</u>

One of the main problem which our team want to solve is the spread of fake news in the society. We believe that we could solve this issue by creating trustworthy news application. We use NewsAPI which allows us to fetch the most recent news from the most trusted news media companies around the world.

3) <u>*A brief "vision" of the user experience (in the form of a mock-up interface, a user-manual, or an equivalent way to show that you have thought out what the user will be able to do and how s/he will be able to accomplish it);*</u>

For our NewsWorld App, the users can choose their preferable news categories which are listed on the app such as Sports news, Tech news, Business news, etc. Moreover, after reading any specific article, the user can then like/dislike an article and/or comment on that article and also share the article to their friends and family. In order to share the article, they have to either connect a social media account to our app, or they can create an account in our app. Lastly, we will have a chatting feature for our users to connect with their fellow news readers, they can chat, share articles, share pictures just like any other social media apps.

4) <u>*A high-level design (major modules block diagram, their purpose and functionality, how they interact/communicate with other modules, or an comparable way to show how you'll implement your project);*</u>

We used Figma(web-drawn user interface) to design for our app's layout.

(The link to Figma is *https://www.figma.com/file/cONnOACWt4jMn0u1Q2zuOu/Proposal-App-Layout?node-id=0%3A1*)

We have 6 main layouts and many different small layouts for each main layouts. We will add more layouts here as our project proceeds.

_Intro Screen: This will be the introduction for our app

_Signing Screen: This is the screen where users can log in using their registered email and password or they can login using their Facebook / Google accounts.

_Signup Screen: This is the screen where users can sign up for the account so they can log in.

_Homepage Screen: This is the screen where we will display the news to our users, we have hot news display on the very top and all other news below hot news. Also we have different news categories that they can choose, we will filter based on user's preferences.

_Chatting screen: This is the screen where users can chat with their friends.

_Settings screen: This is the screen where users can change the app's layout based on their liking. We have dark/light themes for them to choose. We have accounts settings where users can edit their profiles/change password/privacy&security. We have text size where users can change the text font size either small/medium/big. Lastly, we have term of service for our app and app feedback where users can submit any problems related to the app.

5) ***A list of "deliverables," i.e., what will be delivered at the end of the semester:***
We will be delivered the following:

- The completed version of our NewsWorld application which allows users to access to news and communicate with other users by using chat features in our app.