

Team 2: Nimbus Labs - Nimbus Navigator

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5. App Details:

The Nimbus Navigator is a fun and engaging weather app that makes looking at the weather an enjoyable experience. Users will be able to find what the **temperatures**, **air quality**, **condition forecast**, **hourly forecast**, the **10 day highs and lows**, the **precipitation**, the **uv index**, the **wind speeds**, what **time the sun sets**, the **humidity**, the **visibility**, the **moon phases**, the **pressure**, and possibly *other weather features*. We will randomly generate **animal images** based on the weather conditions to bring some *creativity* to our app and we will have a set of images already provided for computers that cannot generate images.

The functionality of this application is that it will be **informative**, it will provide information about the weather to users of the app. However the app will also be **educational**, it will provide **information** about different weather sources for children.

This app will provide value for adolescents who are trying to learn about weather. It will be an informative app with teaching tools to help kids ages k-6th grade learn about weather patterns in a **fun** and **interactive** way. This app is a valuable tool for children who want to learn more about weather and parents, who want to keep their children occupied.

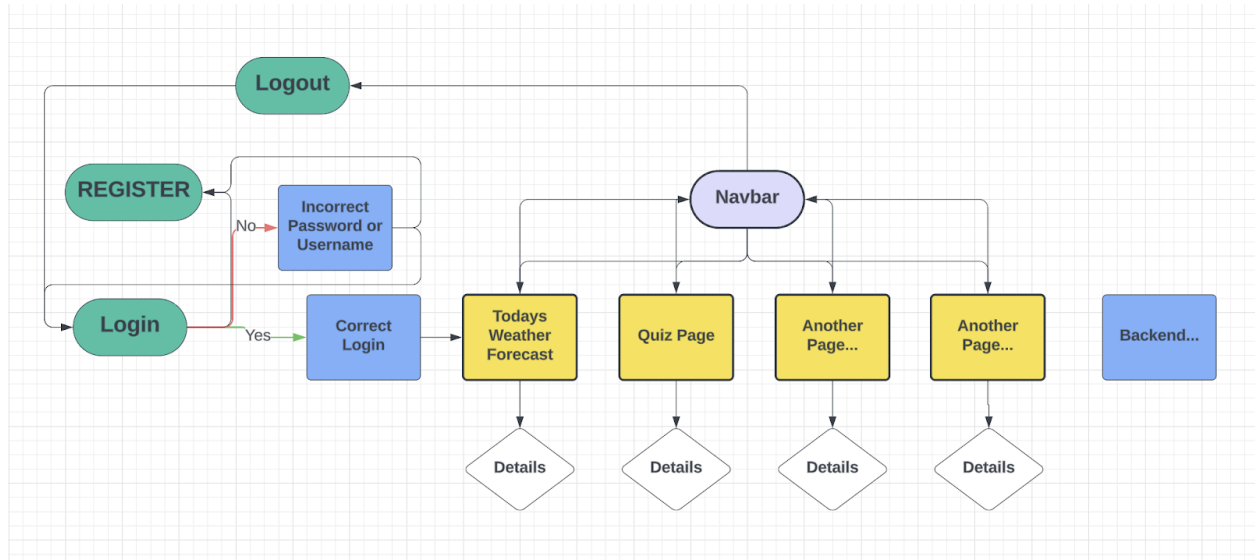
6. Vision Statement: Our vision is to create a way for children to view the forecast while being immersed in a feature-rich environment focused on weather and climate education for adolescents.

Development Methodology: The methodology that our team will be using is the Agile methodology, specifically using the extreme programming (XP) framework. This will involve pair programming and collective code ownership, which promotes communication, collaboration, and allows for streamlined development. This methodology also includes meetings similar to scrum standups.

Communication Plan: We will communicate via a Snapchat group chat as well as Discord Server to discuss plans and further modifications to the application

Team Meeting: Thursday at Noon is our team meeting with our TA, in-person and our group meeting is directly subsequent.

Use Case Diagram:



[Link](#)

Initial Wireframe for Homepage:

