**CSE3MAD**

**Assessment 1**

**Phase 1**

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**Lean Canvas**

A diagram of a product

AI-generated content may be incorrect.

**ERD Diagram**

A screenshot of a computer

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**Screen List for the WeatherHazard app**

Set-up Activity:

* The user will be able to:
  + View current hazards using an interactive map
  + Add hazards when they appear
  + Validate/Unvalidate hazards that appear on the map

Initial Screen:

* The user can either log in or sign up from this screen.

Main Screen:

* The user can interact with the map. They can view existing hazards on the map with the ability to view or add hazards from here.
* The user can also navigate to the settings page for toggling different settings.
* The user can also search via location or hazard type to refine their view.

Report a Hazard Screen:

* Users can add their own hazard to the map.
* They can add the type, description and any photos they may have taken of the incident for others to be aware of.

Hazard Screen:

* When a user clicks on a hazard from the home page map, it provides the hazard type, location, time of report, description and any photos the author may have provided.
* The user also has the ability to verify the validity of the hazard report.

Settings Screen:

* When selecting the settings button from the home screen, users can configure any settings they would like to change. E.g. distance units, push notification toggle etc.

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A screenshot of a log in

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AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.A screenshot of a phone

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