Project Brief – Laura Yien & Rheiana Cuevas

Project Summary:

We aim to make a scavenger hunt mobile game that incentivizes players to visit historical locations in Davis and learn about their significance to the city's community. We plan to choose locations that are referenced in the seal or which are relevant to the different sections of the seal. Our project aligns with the community and engagement components of the city's vision by encouraging players to learn about the Davis community and actively visit these significant locations.

Project Goals:

The primary goal of this project is to educate players on the history and significance of Davis. The secondary goal is to provide a fun exploratory experience for players throughout Davis.

Design Strategies:

Since our game is targeted towards children, we plan for our app to feel modern and inviting. We are planning to achieve this by using sans serif fonts, 2D vector graphics of Davis imagery (such as cows), and bright colors.

Interaction Strategies:

We will first have players sign into the app so that we can save their progress in the game. Then players will need to physically travel to different locations that correspond to a section on the seal. When they arrive at a location they will be prompted to open their front-facing camera and take a photo with a filter unique to that location's significance and history. Players will complete the game when they have collected photos from all sections/locations of the seal.

Experience Goals:

Our goal is to create a fun and interactive educational experience for players who may not be familiar with Davis or its history. We aim to do this by making a mobile scavenger hunt game that encourages players to interact with the physical landscape of Davis while also utilizing smartphone technology. The game portion will incentivize players to travel to all different Davis locations to complete their seal.

Target Users:

Our target users are elementary school students (ages 9–12) who live in Davis and have access to phones who are also currently learning about Davis and California history.

Partners Only:

Since Rheiana is completing the Udemy Course, she will lead the implementation of the MindAR library. Laura will work on the visual design and the geolocation API. We will continue to divide tasks evenly as they come up.