Project Plan Document (D2)

Date: Oct 19 2020

team name: Golden Geese

project name: MCHS Community Tower NFC

1. **Statement of the project**
   To allow visitors to MCHS to access audio and video which expands upon the material presented on the towers.

2. List the **people**
   - Client: Madison County Historical Society
   - Development Team: Bryce Angaran, Dylan Miller, Michael Trout, Sean London

3. **Process:**
   - Assignments of people to **roles**
     - **Customer Proxy**: Bryce Angaran
     - **Code Quality Assurance Manager**: Sean London
     - **Usability Quality Assurance Manager**: Michael Trout
     - **Fourth Role: Code Quality Assurance Manager 2**: Dylan Miller

   - Concrete way(s) of **communication**
     - in which **documents** will be shared
       - Google Docs, Discord
     - in which **meetings** will take place
       - Zoom
   - High-level **schedule**
     - start date: October 1
     - fall semester scheduling –
       - Sprints will be done on 1-week intervals
     - high-level target dates –
       - Prototype complete Dec 8
       - First iteration Feb 19
       - Second iteration March 19
       - Third iteration April 19
     - Days off
       - Thanksgiving break Nov 23-29
       - Final exams Dec 14-18
4. **Resource list** – what you expect to need/use
   - Project tools, development tools, equipment, in particular, identify
     - your means for sharing and updating the backlog
       - Github
       - React Native
     - equipment (physical or virtual) that will be the deployed 'home' for the project
       - website host server

- NFC tags

5. **Risks** –
    - o Damage to the NFC hardware (malicious users, weather)
        - ▪ Lamination, zip-ties
    - o Security issues: reprogramming NFCs, website security
        - ▪ Read-only NFC tags
        - ▪ In-built security options in the framework we decide to use.