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Project 2: Implementation Plan

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**Implementation**

* Workflow
  + JavaScript, HTML/CSS (Bootstrap), Leaflet, CARTO/ArcGIS JavaScript API, PostgreSQL/PostGIS
    - Saw AppStudio mentioned – wanted to look into that also
  + Probably selecting an existing park
* Steps
  + Client-side
    - 5 layers
      * Trails
      * Trailhead
      * Campsites
      * Restroom
      * Points of interest
    - Functions
      * Search
      * Create report
      * Query
      * Location
  + Server-side
    - ER diagram
    - Logical schema
    - Database development

**Tentative Schedule**

* Week 1:
  + Review parks and features
  + Review WebGIS architecture
  + Create ER diagram / Logical schema
* Week 2:
  + Develop database
  + Create wireframes, begin initial design of webpage
* Week 3:
  + Have working UI
  + Refine and prepare for demo
  + **09 Nov: Beta Demo**
* Weeks 4-5:
  + Continue to refine
  + Create Project Report and demo video
  + **23 Nov: Project Report / Demo 2**