1. Rough division of labor → 2 on back end, 1 on front
2. **Timeline - work phases**
   1. **Db setup - DDL/DML**
   2. **DTO’s/Dao’s**
      1. **Testing**
   3. **Service layer**
      1. **Testing**
   4. **Controller + front end template**
3. *NOTE - in the UI*
   1. *users can punch in address - simple, do first*
   2. *can ping their current location - Google API*
   3. *can touch/click on map - Google API*
4. **Db Planning**
   1. **Hero/Villain**
      1. Hero Id - PK AI - INT
      2. Name - VARCHAR - NOT NULL
      3. Descriptions - VARCHAR/TEXT
      4. Superpower Id - FK - INT
         1. One super power
   2. **Hero to Organization - Bridge**
      1. Hero - Org == MANY TO MANY
      2. Hero Id - FK - INT
      3. Organization id - FK - INT
   3. **Superpower**
      1. Superpower Id - PK - INT
      2. Name - VARCHAR - NOT NULL
      3. Descriptions - VARCHAR/TEXT - NOT NULL
   4. **Sightings**
      1. Sighting Id - PK AI - INT
      2. Sighting Date - DATE - NOT NULL
      3. Sighting Description - TEXT - NOT NULL
      4. Hero Id - FK - INT
      5. Location Id - FK - INT
   5. **Location**
      1. Location Id - PK AI - INT
      2. Name of Building - VARCHAR
      3. Descriptions - VARCHAR/TEXT
         1. *NOTE: maybe make a separate table for address/coord*
      4. Sighting Address - VARCHAR
      5. Latitude - DECIMAL(6, 4) - NOT NULL
      6. Latitude Direction - CHAR(1) - NOT NULL
      7. Longitude - DECIMAL(6, 4) - NOT NULL
      8. Longitude Direction - CHAR(1) - NOT NULL
   6. **Organization**
      1. Organization id - PK - INT
      2. Name - VARCHAR - NOT NULL
      3. Descriptions - VARCHAR/TEXT
      4. Contact Id - FK - INT
   7. **Contact Info**
      1. Organization to contact info == ONE TO ONE
      2. Contact Id - PK - INT
      3. Address - VARCHAR(50)
      4. Phone - CHAR(12)
      5. E-mail - VARCHAR(50)