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Group Project User Requirements: Asset Organizer

* Login Profile: Admin, Normal
* Developer

User Stories: Non organized

1. Login: As a user, I want a login that will remember my username and password for easy login and extra security.
2. Function: As a user, I want to visualize my major itemized assets so that I can organize and leverage when needed.
3. Filter: As a user, I want to filter my assets based on certain criteria (value, location) so that organization is customizable.
4. Form: As a user, I want a simple yet appealing design so that I can show my friends/family.
5. Add/Delete: As a user, I want buttons to add and delete fields so that I can stay updated when assets are bought and sold.
6. Categories: As a user, I want to categorize my assets so that I can organize further.
7. Public/Private: As a user, I want to have the option to make assets public or private to other users.
8. Bookmark: As a user, I want to have the option to bookmark others assets so that I can save future asset ideas for myself.
9. Bookmark edit: As a user, I want the same category function for the bookmarks.
10. Details: As a user, I want a dropdown menu with advanced details for each row.
11. Search: As a user, I want a search bar to display specific assets.
12. Customer influence: I want a simply developed site (CSS) so that I can communicate areas of improvement and see quick results (code time).

**Estimation Poker:**

Velocity=.7

Days of work=8 hours for each story.

3 iterations, 4 cases for each iteration

4 days of work/.7 velocity = 5.71 days required to get work done.

User stories add up to 1.33 days/.7 = 1.90 days of work to complete an iteration.

If work starts on 4/11/18, we should be completed by end of day Thursday April 19th.

**Budget:**

Project Manager Wage: $40/hour

Developer Wage : $25/hour

Round to 6 days of actual work \*8hrs per day = 48 working hours

Developer Cost: 48\*$25=$1200

Management Cost: 48\*$40=$1920

Equipment/Online Repository/Hosting Expense: $100

Developer Remote Transportation: $300

Total: $3500

**Entity Relationship Diagram**

Assets

ASSETID: NUMBER(6) PRIMARY KEY

CATEGORY: VARCHAR2(20)

NAME: VARCHAR2(20)

VALUE: VARCHAR2(20)

DATEOFPURCHASE: VARCHAR2(20)

Details

DETAILSID: NUMBER(6) PRIMARY KEY

ASSETID: VARCHAR2(20) FOREIGN KEY

NAME: VARCHAR2(20)

LOCATION: VARCHAR2(20)

PROFITABILITY: VARCHAR2(20)

DESCRIPTION: VARCHAR2(20)

**NOTES:**

* We got primary keys and tables created, but we cant figure out how to initialize foreign keys.