DIGITALF⚡ASH

A DESIGN DOCUMENT

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PROJECT SUMMARY

We will be creating a basic vocabulary study web application that can be described as essentially digital flash cards. The application will focus mostly on students who need to study terms and definitions; however, it could provide useful for those who, for example, just want to brush up on their vocabulary.

The user can create stacks of cards in three different ways. The first way the user will search through the application's predefined terms. The user will be able to sort through the words by defining the first letter of the word per by typing in a text box for the word and, as they type, the results will be narrowed (similar to Google Instant).

See: https://github.com/adambom/dictionary

The second way the user can create a stack is by manually adding vocabulary words. When the user chooses this option, two text boxes will appear. The user will then enter the term then the definition in the next box. When the user confirms this information, it will be added to the stack.

The third way is a feature for those who just want to brush up on general vocabulary. There will be a button to create a random stack of words.
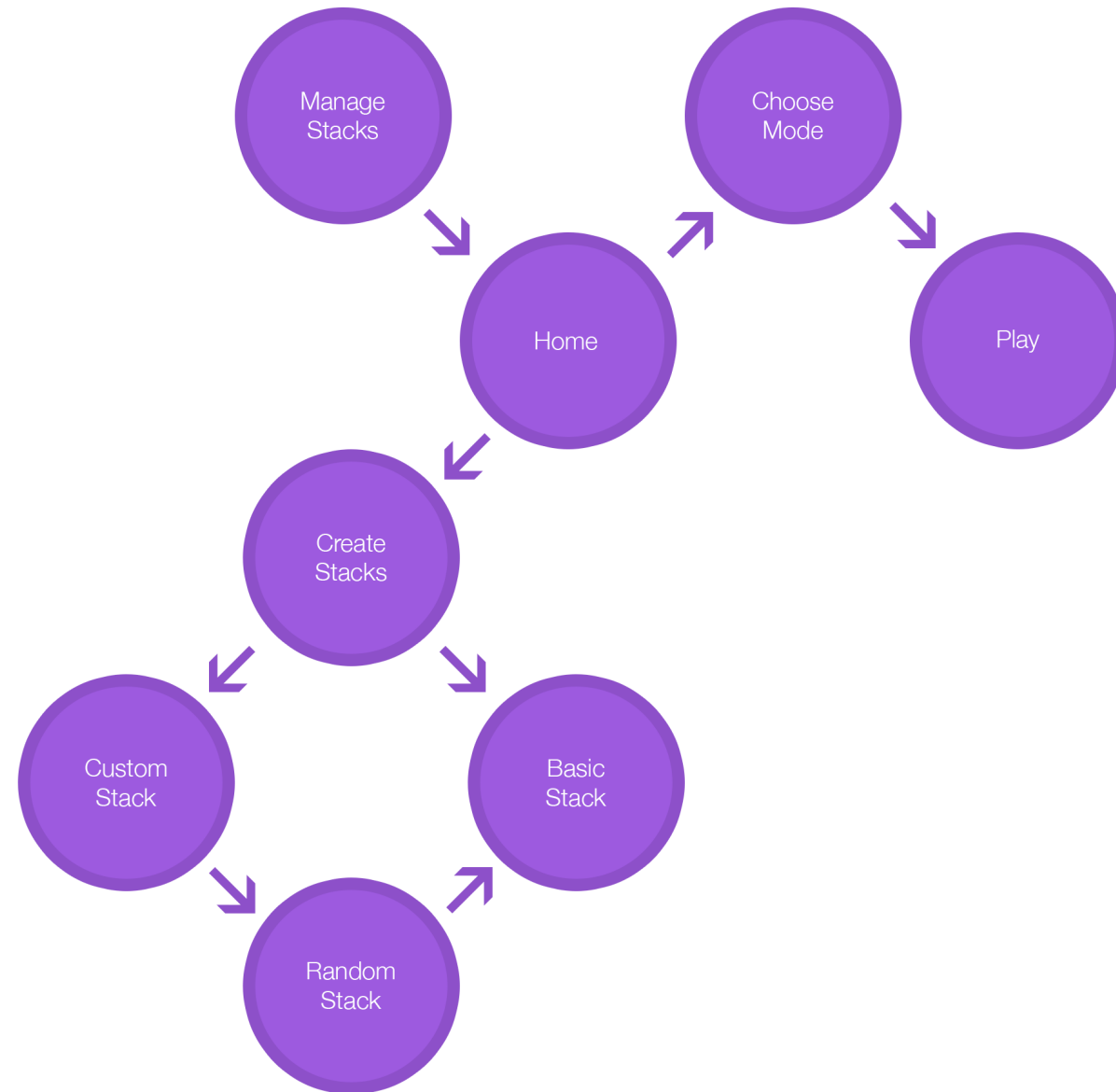
CURRENT STATUS

The project is currently in the pre-development phase. We are currently working on the application's structure and the User Interface of the application. We hope to make quick progress by dividing up tasks and creating team authority figures on certain aspects of the project. For more information, see Specific Project Deliverables.

PROPOSED TECHNOLOGIES

The application will, of course, be built using AngularJS. A few additional libraries we will be using is Angular Routing, Angular Animate, Angular Resources, jQuery, SASS or LESS CSS pre-processor, GRUNT (for minificaiton), and the Font Awesome icon font. Of course, because the project is in its infancy, additional libraries might be used.

PROJECT DELIVERABLES

We have divided the project into generic tasks that will improve the work flow of the project. Austin will head up Project Management and User Interface Design, Clint will head up Animation, and Jordan and Brennan will head up general Angular development. Of course, each team member will help in each field, but a greater knowledge of their 'department' is expected. All team members will assist in test development.

```mermaid
graph

ManageStacks["Manage Stacks"] --> Home["Home"]
Home --> ChooseMode["Choose Mode"]
ChooseMode --> Play["Play"]
Home --> CreateStacks["Create Stacks"]
CreateStacks --> CustomStack["Custom Stack"]
CreateStacks --> BasicStack["Basic Stack"]
CustomStack --> RandomStack["Random Stack"]
RandomStack --> BasicStack
```

Manage Stacks → Home → Choose Mode → Play

Home → Create Stacks → Custom Stack → Random Stack → Basic Stack

Helvetica Neue Light

Helvetica Neue Regular

Helvetica Neue Bold

R: 213
G: 213
B: 213
#d5d5d5

R: 225
G: 95
B: 64
#ff5f40

R: 157
G: 90
B: 223
#9d5adf

R: 133
G: 132
B: 204
#7184cc

R: 66
G: 66
B: 66
#424242

R: 144
G: 80
B: 201
#8d50c9

CHOOSE MODE

Angular JS   **25 Cards**

GAME MODE
Interdum et malesuada fames ac ante ipsum primis in faucibus. Pellentesque sit amet interdum dolor, sed posuere augue.

Easy →   Hard →

PRACTICE MODE
Interdum et malesuada fames ac ante ipsum primis in faucibus. Pellentesque sit amet interdum dolor, sed posuere augue.

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PRACTICE MODE
Interdum et malesuada fames ac ante ipsum primis in faucibus. Pellentesque sit amet interdum dolor, sed posuere augue.

Start Game →

🕐 ▲ 10 Min ▼

PLAY

20 Min 30 Seconds

Next Card →

Score: 25 Points

What word does this definition belong to?
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis libero nisl, fermentum quis sodales non, scelerisque non leo. Aenean eget facilisis nibh, in venenatis odio.

| A. | Lorum | B. | Lorum |
| C. | Lorum | D. | Lorum |