

# Mockup Development

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Duration: 1 Man-Day

Please develop the sample screens based on the wireframe suggestion and screen description on the following page.

The output will be analyzed for

- Choice of controls and components and the interaction between screens
- Use or display of good design principles, OOP concepts, code-organization
- Completeness of the flow

You may please share the source files archive via [www.dropbox.com](https://www.dropbox.com) or [www.wetransfer.com](https://www.wetransfer.com).

Please include your name as the project name (e.g. John\_Doe\_iOS\_Assignment)

## Explanation of Screens

### Part 1 - Profile Tab

Top bar should follow as per design requirement.

Fields should be editable.

Include validation on e-mail and date field

Example :

Input : "C"

Expected returned result from search bar :

Cloudberry

Coconut

Cranberry

### Part 2 - Items & Favourites Tab

#### Items Tab

Filter is required on the top.

Data displayed should be based on the top filter.

The content of the view should be horizontally scrollable to the next filter.

Input : "P"

Expected returned result from search bar :

Passionfruit

Peach

Pear

Pineapple

Plum

Pomegranate

#### Favourites Tab

Items that are marked as favourite from items tab should reflect on the favourites tab.

### Part 3 - Table Tab

Include a search bar on top of the table.

Returned result from search bar is based on user's first character input and should be sorted.

The JSON data to be loaded is included at the end of this document.

On click of edit button, user should be able to check/select multiple items and delete them.

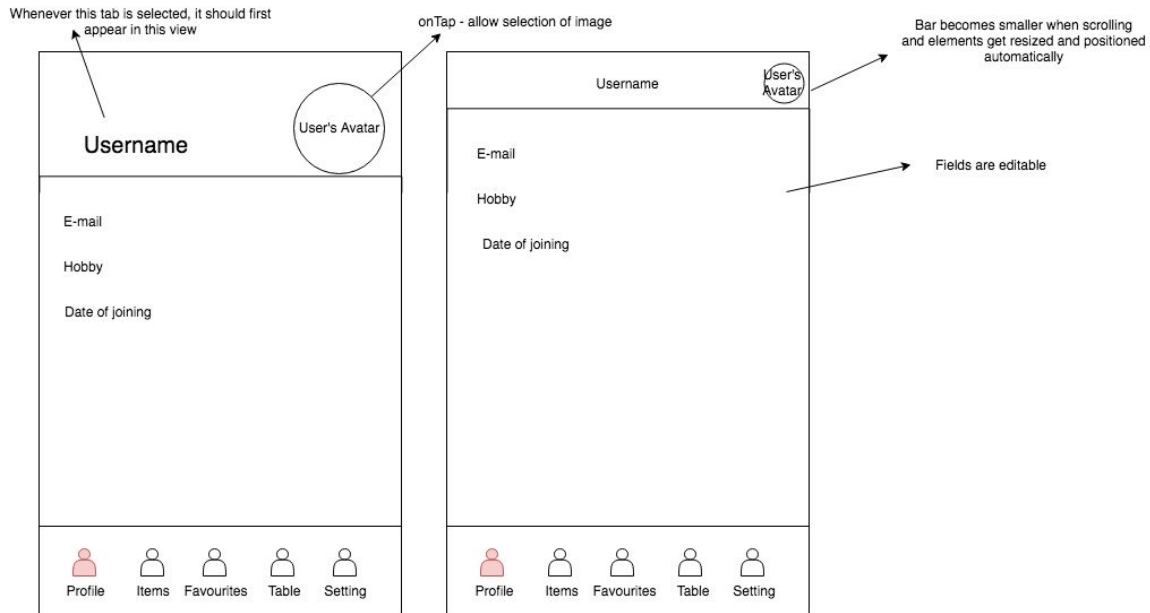
### Part 4 - Settings Tab

Formula for Probation Duration :

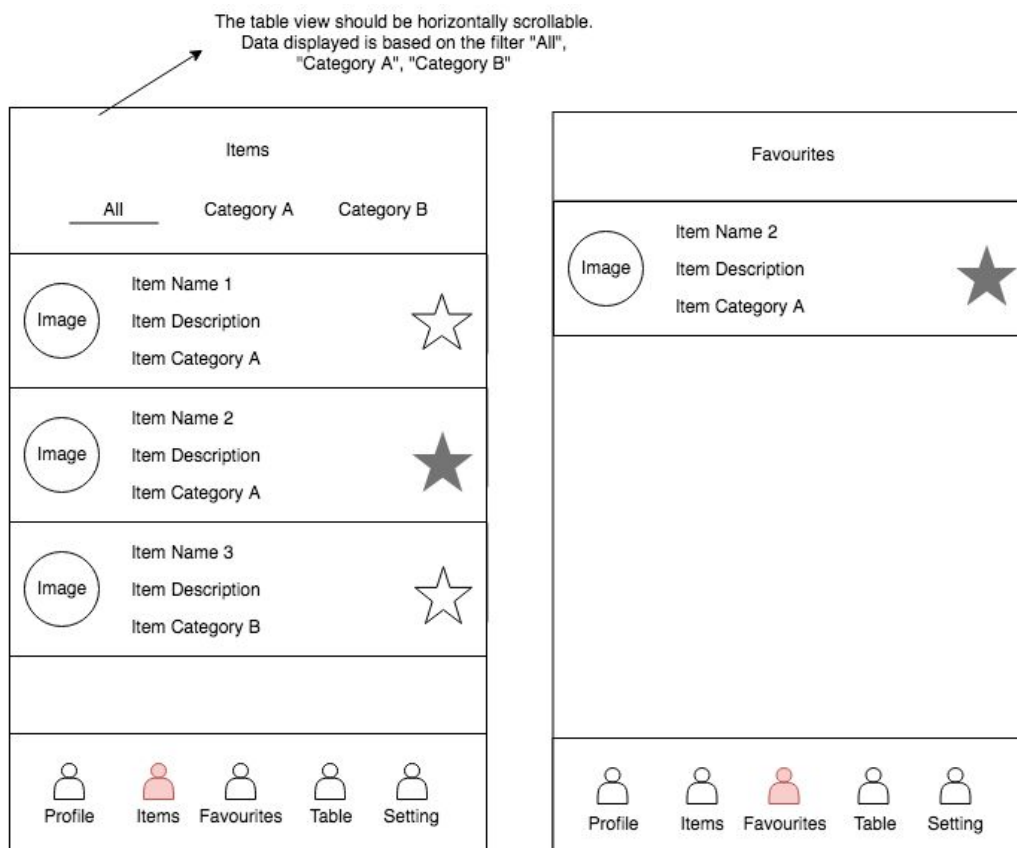
Date of Probation - Date of Joining

Probation length is based on probation duration.

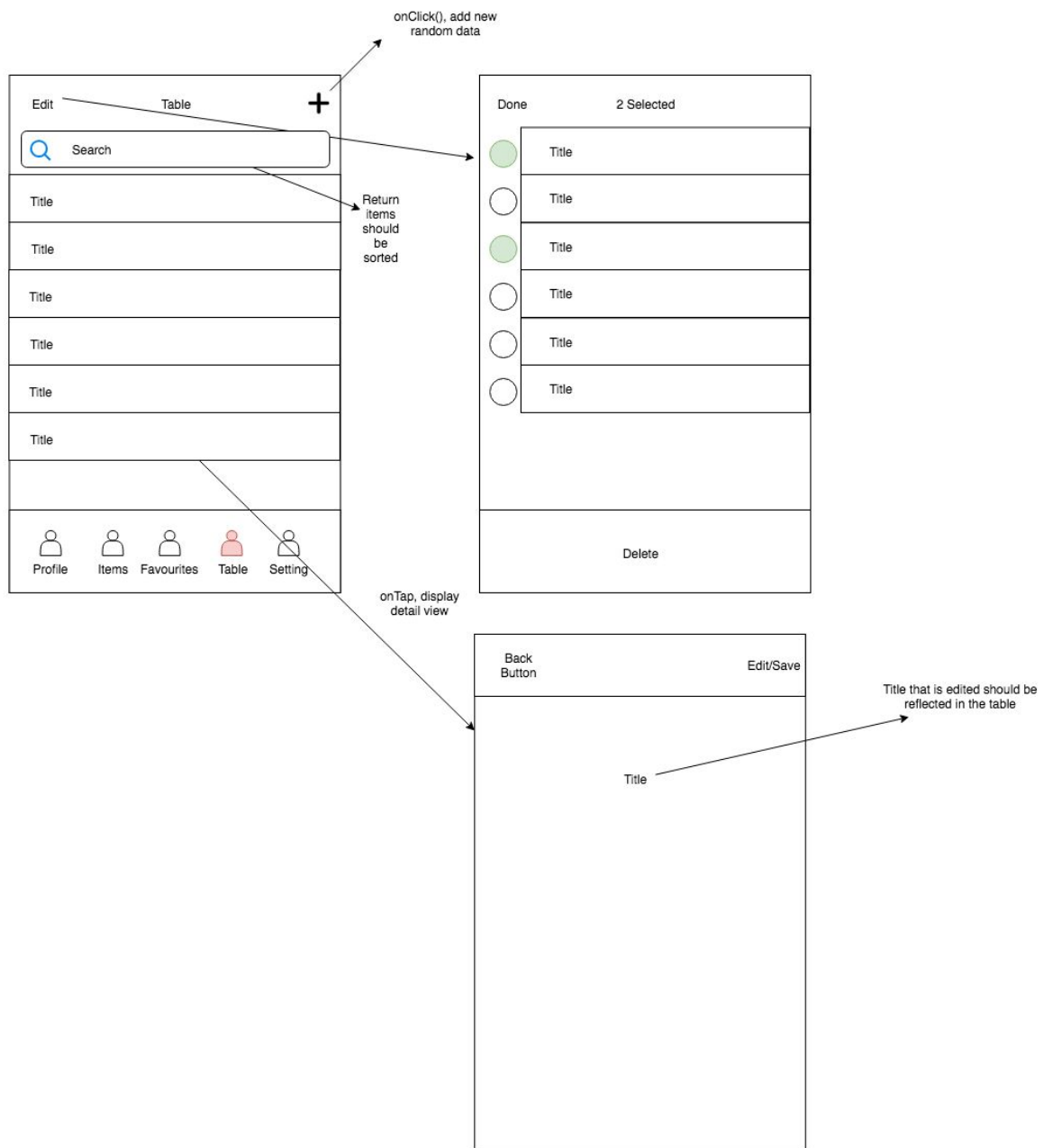
## Part 1



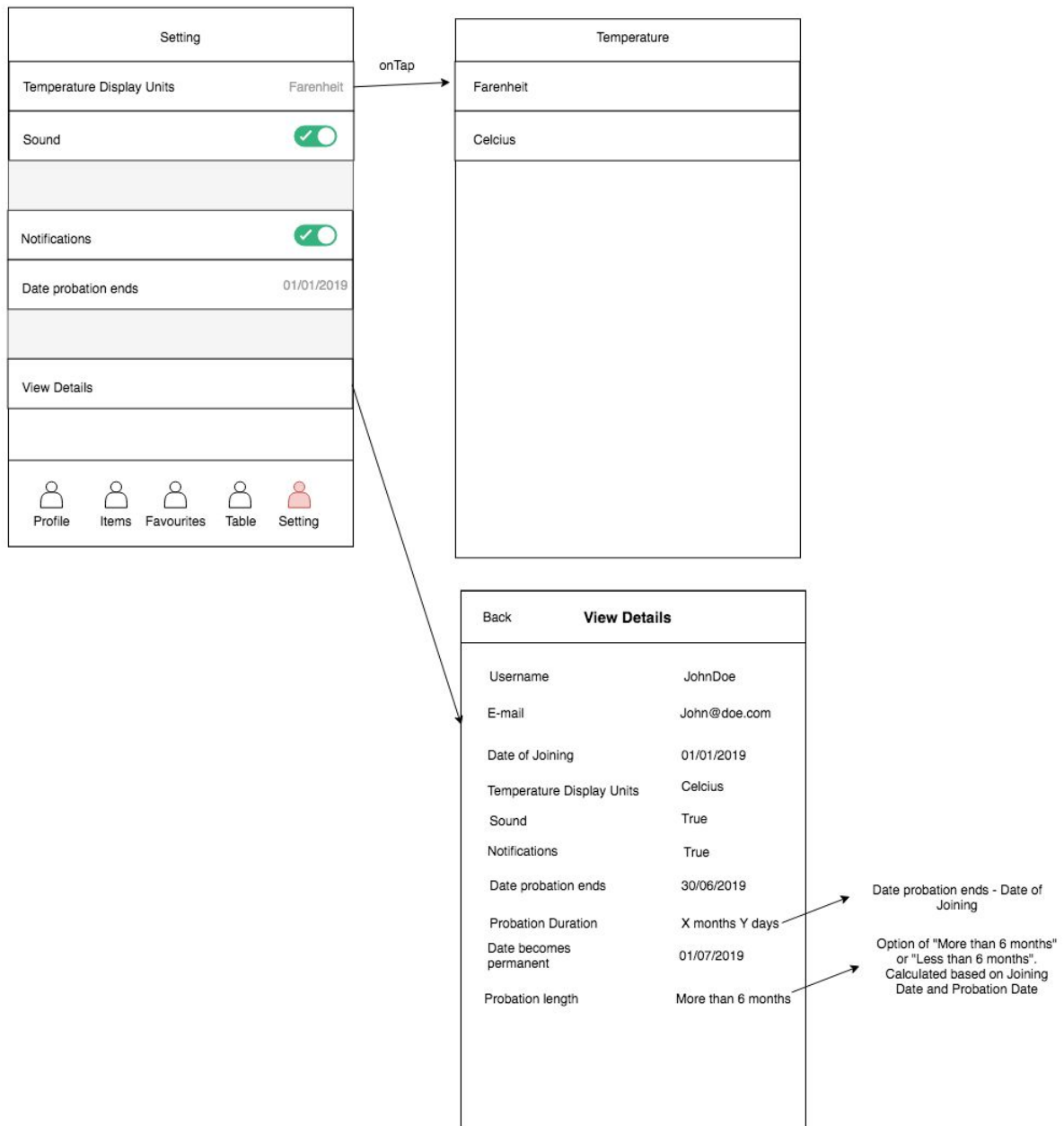
## Part 2



## Part 3



## Part 4



## Sample JSON data

```
{
  "fruits" : [
    {
      "name" : "Grapes"
    },
    {
      "name" : "Banana"
    },
    {
      "name" : "Pineapple"
    },
    {
      "name" : "Coconut"
    },
    {
      "name" : "Cranberry"
    },
    {
      "name" : "Pear"
    },
    {
      "name" : "Plum"
    },
    {
      "name" : "Pomegranate"
    },
    {
      "name" : "Peach"
    },
    {
      "name" : "Soursop"
    },
    {
      "name" : "Passionfruit"
    },
    {
      "name" : "Jackfruit"
    },
    {
      "name" : "Cloudberry"
    }
  ]
}
```