**ANGULAT STARTER APPROACH**

**Estimation/POC Effort:**

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| **Break Up** | **Estimated Hrs** | **Planned Start Date** | **Planned End Date** |
| Analysis for the given task | 3 | 08-Jun-17 | 08-Jun-17 |
| Environment Set up | 5 | 08-Jun-17 | 09-Jun-17 |
| Familiarising Project structure | 3 | 10-Jun-17 | 10-Jun-17 |
| Broken Functionalities | 4 | 11-Jun-17 | 12-Jun-17 |
| New Changes - Set 1 (Minor Changes) | 3 | 13-Jun-17 | 13-Jun-17 |
| New Changes - Set 2 (Major Changes) | 6 | 14-Jun-17 | 15-Jun-17 |
| New Changes - Set 2 (New functionalities) | 6 | 15-Jun-17 | 16-Jun-17 |

**Steps for setup:**

1. Install nodeJs, which comes along with npm where node version should be greater than 6 and npm version should be greater than 3.
2. Then run the command npm install, which will read the package.json file from angular-starter and will download all dependencies.
3. After completing the above step run the command npm run server which will start the server with [http://localhost:3000/#](http://localhost:3000/)
4. Then we have to start Mock server API for that you have run the command npm run api

**ANGULAR STARTER – TECHNICAL IMPACT**

**BROKEN FUNCTIONALITY:**

1. Users Page: The users last names are not being displayed in the user list

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| **File Name** | **Changes** |
| user.html | Added lastName property to display |

1. Users Page: The list of users should be filterable by both firstName and lastName

* Only one filter is updating the list but that also seems to be broken

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| **File Name** | **Changes** |
| users.html | Added functions for filter of each property onchange |
| Users.component.ts | Added lastName property to filter and added functions to the same |

1. Users Page: The edit button opens a dialog but no user input fields are being displayed

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| **File Name** | **Changes** |
| users.html | In editUser function sent user object as parameter |
| Users.component.ts | Modified editUser function to set object UserEditComponent |

1. Home Page: The application home button is not working and getting a 404

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| **File Name** | **Changes** |
| App.component.ts | In routelink for home page it was mentioned homes so changed to home |

**NEW FUNCTIONALITY:**

1. Users Page: The application users have decided that they would like to see the avatars of the users in the list

* The images should display as circular thumbnails to the left of the user details.

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| **File Name** | **Changes** |
| user.html | Added Image tag to display avatar of user and added css to the same |
| user.scss | Added .user class for user image ad round thumbnail |

1. Users Page: The application users have decided it would be useful to see the current age of the users in years.

* This should be displayed in brackets after the users names

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| **File Name** | **Changes** |
| user.html | Next to lastName called this function calculateAge to display age |
| user.component.ts | Added calculateAge function |

1. Users Page: Add the functionality to persist the update to the user using the provided API

* After successful persist it should: close the dialog
* After successful persist it should: then visually update the user in the current user’s collection.

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| **File Name** | **Changes** |
| user-edit.html | In update button added function named update() |
| user-edit.component.ts | Added update() function to update changes to API |
| users.component.ts | In editUser function ngOnInit function called after the useredit component closed to refresh the users list |

1. Users Page: The application users have decided that they would only like to see 20 users on screen at once.

* Implement user’s pagination within the client.

For pagination I ran the below command which will add dependency automatically to our package.json file

npm install ng2-pagination

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| **File Name** | **Changes** |
| users.html | Added paginate using pipe in \*ngfor and added pagination controls below |
| app.module.ts | Added Ng2PaginationModule |
| package.json | By running the above command ng2-pagination dependency will be added to this file |

1. Users Page: The application users have decided that they would like to click a button delete a user

* Nice to have: Confirm the decision before deleting the user.
* The client should request to delete the user
* The user should be removed from client side list when persist is done

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| **File Name** | **Changes** |
| user.html | Added delete button |
| user.component.ts | Added onDelete emitter |
| users.html | In user-info tag added function to onDelete emitter |
| users.compoent.ts | Added delete function with confirm message |

1. About Page: The application users have decided that they would like an About Site page

* Add this page/component. The page should contain a heading & some generic text and use Angular Material Design to dipslay consitantly with users page
* The page should be linked in navigation header

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| **File Name** | **Changes** |
| about.component.ts | New file for about site page where html code added in ts file itself |
| app.module.ts | Added AboutComponent |
| app.routes.ts | Added route to about page |
| app.component.ts | Added navigation header for about page |