

## Definition of Done v2

RunnersMatch

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### Broad Definition of Done for Each Task

- Unit tests passed
- Code peer reviewed
- Cross-Browser testing done
- Continuous Integration build passing
- Project builds without errors
- Refactoring completed
- Tests written and Passing
- Documentation UPdated

### Sprint 1 Tasks

- Learn how to implement the firebase account UI
  - Go through the firebase/react tutorial provided by the product owner
  - Go through firebase documentation
- Implement the firebase account ui
  - Plug in code from firebase into the existing react code
  - Confirm data from React components displays on Firebase console once appropriate parameters have been filled out.
- Link firebase account with additional database with additional fields
  - On user account creation, append additional user fields. These values can be then verified in the firebase console.
  - Upon new user registration, firebase database has user fields initialized with default values.
  - These values display in the firebase console as well as the account page.
- Create edit page where user can change these data fields
  - This was later turned into the account page.
  - Users are able to send values for their default fields to the real-time firebase database.
  - These values are permanent and load across browser, client, network, device.
- In the signup page give the user the option to establish these fields initially
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### Sprint 2 Tasks

- Establish database to store user login and create sign up web page
  - User credentials are sent to Firebase server.
  - Firebase server securely stores authentication data.

- User is able to sign in using previously defined credentials.
- Sign up/in works across browsers.
- Firebase console displays users info, without revealing password.
- Users are able to sign in across devices, network connections.
- Create a page to enter user data into firebase
  - There is a feature that allows navigation to this page.
  - Authentication status is checked.
  - Current user info is properly initialized to the page.
  - User is able to send information to the firebase database.
  - Firebase database stores information with the appropriate user attached.
  - Duplicate users are not created.
  - Finite number of fields are used.
  - Firebase console display user field data.
- Add a profile page that interacts with the database to access profiles
  - This is the same page as the edit profile page. (The Account page )
  - Loads current user into the page. Displays current user id.
  - If user has initialized values prior, these are displayed along with the user id.
  - These values are updated when the user changes them.

### Sprint 3 Tasks

- Learn the Strava API
  - Go through tutorials listed on Strava's website, as well as other sources.
  - Communicate with team members to display wealth of knowledge on the subject.
- Implement the API
  - Confirm certain basic features work, such as loading a user's profile.
  - With user logged in, pull basic data from Strava database such as user profile.
- Create profile search page that displays all profiles
  - All users are listed on the search page when the parameter is set to most general.
  - Users have their information properly displayed, and if changes are made, these follow the user variable on the list of users.
- Implement a search functionality to find specific profiles
  - Text box is displayed on search page that the user can enter numbers into.
  - The zip code entered into the text box will only display users with a matching zip code up to the character entered.
- Allow users who are signed in to filter profiles based on stored profile data
  - Add additional filter tag that users can toggle to display users with certain criteria.
  - Dynamically check if the current user's profile data affects which users are being displayed on the search page.
- Figure out how to query firebase data
  - Follow tutorial on Firebase website on how to query firebase data, and discuss with groupmates regarding specific techniques.
  - Run simple tests to determine if basic queries return relevant values.

- Display all other users using these queries
  - Inspect the firebase database on the console and determine that this matches the query loaded on the webpage.
  - Confirm that user's have the correct values loaded.
- Add a filtering method/algorithm to recommend good partners
  - Confirm that the method recommends a user at the end of its process.
  - Confirm that the method uses some aspect of the users data to confirm what other runners would be a good match.

#### Sprint 4 Tasks

- Learn the Strava API
  - Go through tutorials listed on Strava's website, as well as other sources.
  - Communicate with team members to display wealth of knowledge on the subject.
- Implement the API into the site
  - Confirm certain basic features work, such as loading a user's profile.
  - With user logged in, pull basic data from Strava database such as user profile.
- Create a profile search page that displays all profiles
  - All users are listed on the search page when the parameter is set to most general.
  - Users have their information properly displayed, and if changes are made, these follow the user variable on the list of users.
- Implement a search functionality
  - Text box is displayed on search page that the user can enter numbers into.
  - The zip code entered into the text box will only display users with a matching zip code up to the character entered.
- Allow users who are signed in to filter profiles based on stored profile data
  - Add additional filter tag that users can toggle to display users with certain criteria.
  - Dynamically check if the current user's profile data affects which users are being displayed on the search page.
- Store review data in Firebase
  - Once a review for a certain user has been completed, confirm that this review is properly logged in the firebase database by inspecting the console.
  - Data from firebase can be pulled and used for general purpose.
- Allow other users to edit other users' rating
  - Users are able to add their own review and rating for another user.
  - This rating is then used to calculate the rating for that user.
- Add visual display of rating/reviews
  - Pull data from Firebase.
  - Display this data in a neat and meaningful way.