



RunnersMatch

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RunnersMatch: High Level Goals

- The main goal of this project is to create a web application that connects runners to find compatible training partners
- Product Breakdown
 - Login Page with Sign-In/Sign-Up
 - Matchmaking System to appropriately match runners with others who have similar training goals
 - Messaging System where runners can contact others to arrange meetups
 - Review system so users can rate and review people they have trained with
 - Strava Integration (Already established athletic network where athletes can log their training)



Sprint 1

User Story 1: As a user I want to be able to make an account for RunnersMatch so that I can have a presence on the website that I can return to and access regularly

User Story 2: As a user I want to be able to update my profile with my running information such as weekly mileage, average running pace, terrain preference, and ideal qualities in a training partner

Spikes: Learning web tools to be utilized such as Firebase, React, JavaScript, HTML & CSS, etc.

Infrastructure tasks: Setting up an initial webpage for users to login and setting up a database (most likely Firebase) to store user login information



Sprint 2

User Story 1: As a user I want to be able to search through other profiles on RunnersMatch and show my interest in training with profiles I find interest in

User Story 2: As a user I want RunnersMatch to show me possible training partners with similar goals

Spikes: Learn the Strava API

Infrastructure Tasks: Creating a matchmaking system to pair up runners with others with the same skill level



Sprint 3

User Story 1: As a user I want to be able to import my fitness data from Strava so that I do not need to manually enter all of my statistics and data

User Story 2: As a user I want to be able to post public events where I can meet other runners in large groups for runs and training sessions

Spikes: Learn about online messaging/find open source messaging applications that we can incorporate into the site

Infrastructure Tasks: Implement Strava API and create a blog-like page for users to post group runs



Sprint 4

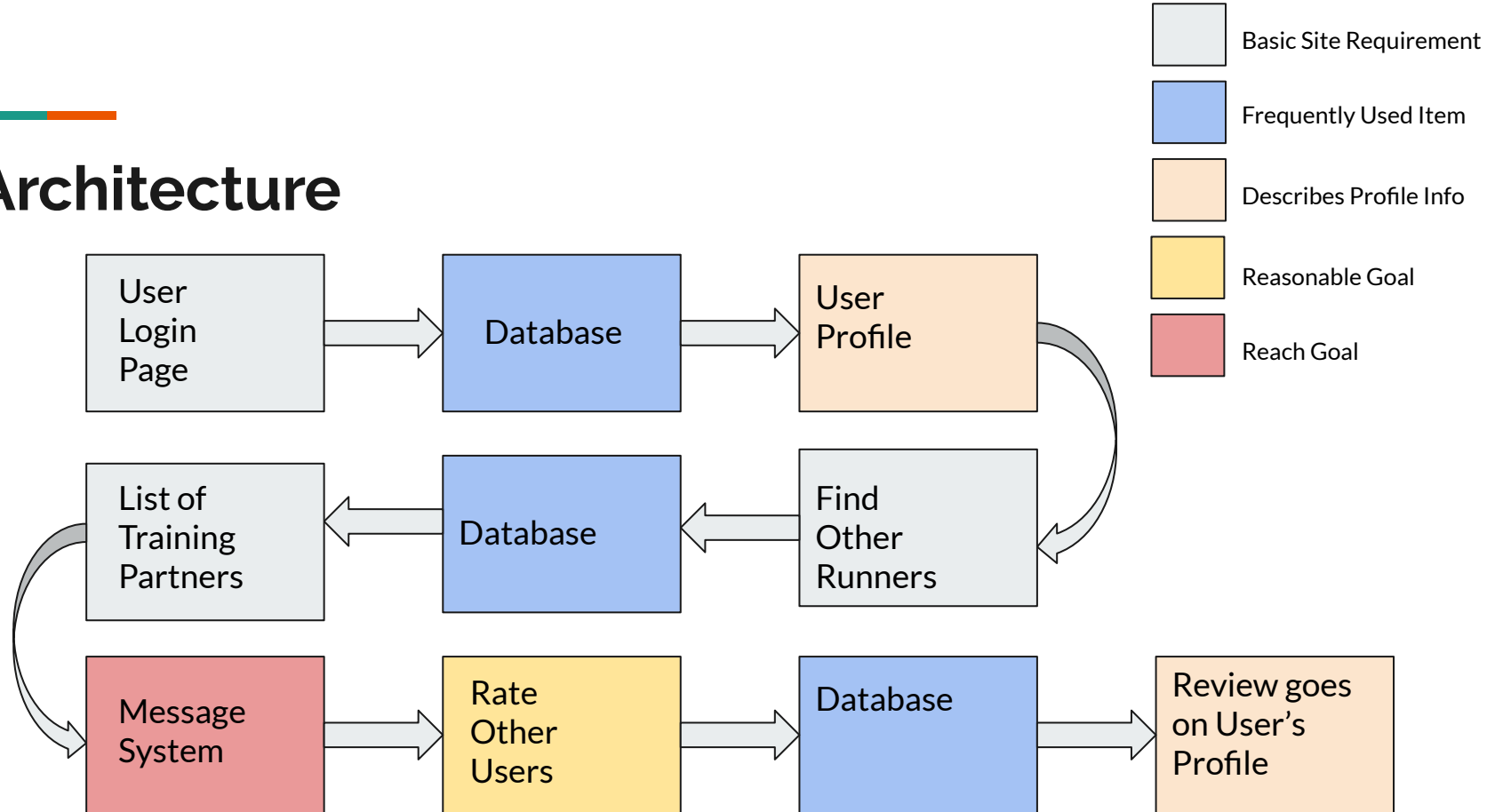
User Story 1: As a user I want to be able to communicate and message runners that I am interested in to to set up training sessions and meet ups

User Story 2: As a user I want to be able to leave feedback and a review of my experience of training with other users on the platform

Spikes: none

Infrastructure Task: Create a review system and incorporate in-site messaging

Architecture





Challenges/Risks

- Learning new web frameworks to create the application
- Learning the Strava API
- Figuring out how to create in-site messaging



Technologies

- Firebase
- Javascript
- HTML
- CSS
- SQL
- React
- Github



Minimum Viable Product

At a minimum our product needs to be able to store user login information and be able to tell if the user already exists or not, have a matchmaking system that shows users other users that would be a possible good training partner for them, and create a user review section.

Minimum Functionality User Stories:

Sprint 1: 1, 2 - Concerns the creation of a profile and updating their profile settings

Sprint 2: 1, 2 - Concerns the need for a matchmaking system and being able to filter the results

Sprint 4: 2 - Concerns the desire to be able to review other users