Data Dictionary

Term	Definition
User	The person using the application
Route	The running path the user can follow that is of the user-specificed distance and begins at the user-specified starting point
Login services	The component of the application that allows users to create or sign in to their accounts in order to access the route generation features
Homepage	The page of the application displaying the user's current location on a map and the options to begin planning their route or sign out of their account
Weather data	Real-time information regarding the weather at the current time and location the user is accessing the application, along with the weather forecast of the next hour in the region the user is located in
Sheltered pathway	A path the user can run along that provide cover should it rain
Starting point	The position at which the user begins their run
Endpoint	The position that is the user-specified distance away from the starting point by foot, and at which the user completes their run
Landmark	A place or location the user can specify to pass by during their run
Tracker page	The page of the application that displays to the user how far along the route they currently are on a map, along with the distance they have covered thus far. This page would get updated periodically as the user runs along the route so as to reflect their running progress in real-time

Running progress	Real-time information indicating on the map how far along the route a user is and the distance they have covered up to that point in time
Running statistics	Data consisting of the user's Current Running Pace, Overall Running Pace and the Running Duration up to that point in time
Running Duration	A unit of data indicating the amount of time the user has spent running
Post-run summary	Information consisting of the user's Running Duration and distance covered
Text-to-Speech (TTS)	Converts written text into real-time verbal instructions for the user
Route Navigation	A set of directional instructions guiding the user from a starting point to an endpoint. TTS functionality provides real-time guidance to enhance user experience