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***Sec: A5 Group 6 – Prototype Writeup***

For our meal planner app, we use EJS, HTML and Javascript on both front and back end, because they are so tightly integrated together as well as for ease of coding and its simple functionality features. We are using Angular JS and Webstorm IDE for the bulk of the coding, purely because Angular JS supports different browsers which we found convenient considering our group uses different default browsers. It would also ensure expandability of the app.

For dependencies, we are using Unirest with JQuery for API calls to the FitBit API and Spoonacular Food API. Simplicity was the main factor in choosing Unirest for this purpose, because of the detailed resources available on it. We use cookie session to help us keep track of browser cookies so as to simplify the login process. We used Passport with OAuth 2.0 to handle third-party authorization to FitBit. We use MongoDB as our database, and Mongoose to handle database connection and calls, as per Professor Donham’s recommendations in class.