



The diagram represents a network diagram consisting of certain dependencies that make up a crucial path. The crucial path starts at FitBook User when a user tries to log in/sign up to our application, which goes through the Authentication and User Endpoints to authenticate the user or register them in the database. Next, Personal Profile connects to User Endpoints which can lead to Friends Networks, Logging Workouts and User Feed. We can also see that User Metrics and Friends Network also connect to User Endpoints if the user decides to follow/unfollow or update their profile.

We kept our sprint on schedule by following the crucial path when completing our user stories. However, FitBook Profile was not completed due to an external factor (xcode bug) that required several days to resolve and merge conflicts due to an update in user endpoints, which obstructs the crucial path in our network diagram. We learned that we need to be more careful when making changes or adding new dependencies to our project so that the crucial path remains intact when running our application.