**Project Part 4**

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**Title:** What to Wear Weather

**Implemented Features/Requirements and Final Class Diagram**

Features:

* Fetches user’s location using GPS.
* Retrieves weather forecast based on user’s location.
* Makes clothing suggestions based on user’s gender and weather forecast.

Requirements:

* US-001: As a user, I want to see daily clothes recommendations when opening the app.
* FN-001: On app startup, current GPS coordinates will be retrieved
* FN-003: App will use weather API to get weather at current GPS
* FN-004: Use a relational database (MYSQLlite) to hold user data (age, gender)
* NF-001: Coordinates will use the Android system’s fastest “best guess”
* NF-003: App will respond quickly and precisely to user touch/interaction

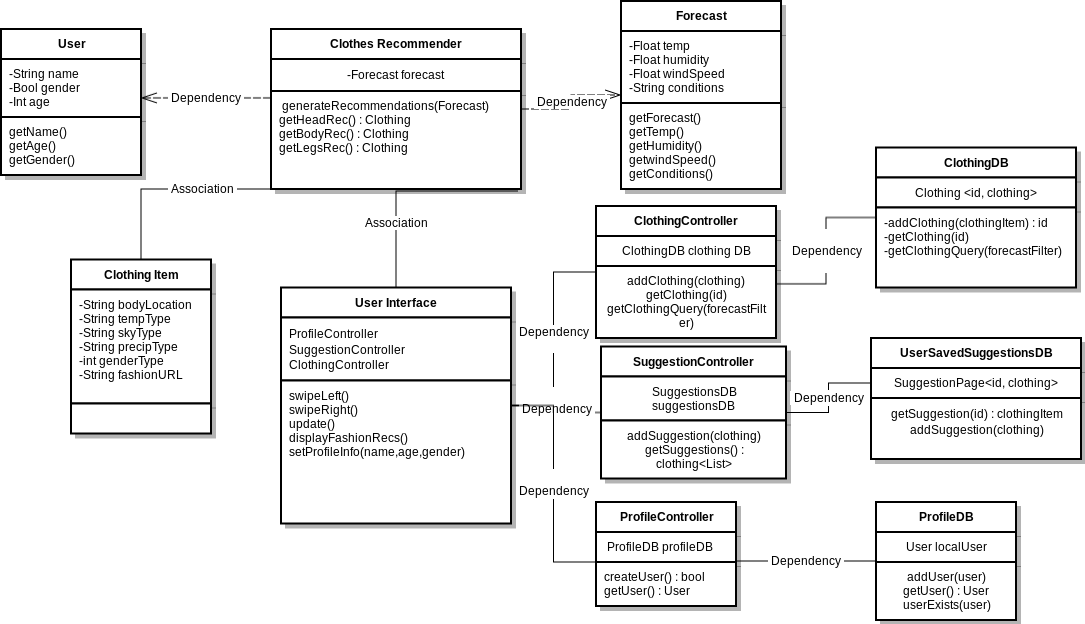
(updated class diagram goes here)

discuss benefits of designing before coding

**Design Patterns**

Which ones did we use?

**Comparison of Part 2 Class Diagram and Final Class Diagram**

include part 2 class diagram and point out the necessary changes. You can answer why you didn't realize you needed things during the design and/or how next time you will be able to make a better design after this learning experience.

**Lessons Learned About Analysis and Design**