

# CSCI4448 Semester Project

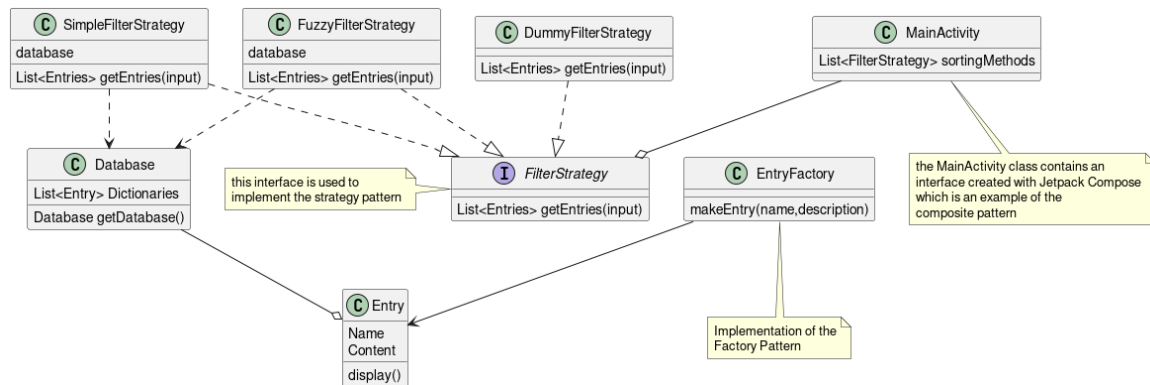
## Defnote- A dictionary/notetaking app

Team Members: Sean Shi, Jack Paulman

Tasks Accomplished:

- We produced a UML diagram and BDD scenarios to ensure all users of (Sean Shi)
- Built a Layout/UI using the Jetpack Compose framework which heavily uses Dependency Injection and Composition(Sean Shi)
- We implemented abstractions and some concrete classes for both the Entries and Sorting Strategies (Sean Shi)

## UML Class Diagram



## Design Patterns

We are currently using the composite pattern in Jetpack Compose to create a UI. This allows us to nest rows, columns, input fields, and other UI elements including a self defined element for displaying an entry

## Coverage

Coverage Screenshot

## Plans For next iteration

Next iteration, we plan to implement persistent storage, and add a `StrategyBuilder` for custom filter methods. We will also add a second activity to show the detailed contents of each entry when it is clicked on. We will also try to implement more methods of importing Entries.