Thongsavik Sirivong

Kevin De La Torre

Dharam Kathiriya

Andy Munoz

Personal Scheduling System

We used Java Programming language to build the PSS project. Each member of the team was assigned to build different parts of the project. Thongsavik Sirivong was responsible for constructing a DataFile class that required reading tasks from a JSON file and writing on a JSON file. Moreover, Thongsavik worked on the Report Class which generates the report or the schedules of the tasks for the user. Kevin De La Torre worked on the User class and the Calendar class for the most part. The User class required the implementation of reading and setting the filename to be used in the program but we ended up not really using it as we went with a more driver-based approach in handling which file we were using. The Calendar Class was in charge of scheduling and managing the tasks as well as interfacing with the Report Class. Dharam Kathiriya was in charge of the superclass Task, and its subclasses Transient Task, Recurring Task, and Anti-Task. The Task Class was concerted to hold the basic information (attributes) and methods of the various types of tasks. These subclasses inherited the values and method of the Task Class. The subclasses validated the inputs given when creating new classes and provided functionality needed on a per task type basis. Andy Munoz was responsible for Driver Class (main method) which required to take user inputs such as the input file, task details, and the type of operations. The team members also helped each other to resolve any issues with their code. As of now we have most of the functionality working, but we are having issues when reading Anti-Task types from a file.