PM3 CS25 - High Level Design

The best high level architectural pattern for our FocusBot would be a layered or tiered architecture to handle both events and data. Our FocusBot has many different functions and use cases, including a pomodoro timer, progress reports, reminders for tasks, and relaxation techniques, so the Bot has a lot of data to keep track of for its different responsibilities. The following UML Package Diagram shows the different packages and dependencies for the layered architecture. The diagram on the left shows the User Interface, Application Interface, and Technical Services. The diagram on the right shows the three different tiers: client tier, application tier, and data tier.