Schedule: The schedule class intermediates the relationship between user and events. Its attributes are two vectors (events and users). Its operations include getter functions for event and user, as well as a function that creates an events, and one that outputs the calendar in a new file.

User: The user class has two attributes, name and password (both strings). There is a getter for the name, but not the password because password will be private. The password is only referenced within the Boolean login function, and newUser. There will also be a logout function to switch between users.

Events: The events class holds all times and types of events. It has a string description of the event. There are two setter functions named set\_datetime that passes in a DateTime object, and set\_description that passes in the string description. There are also getters for datetime and description.

DateTime: DateTime is an object that has int values for day, hours, minutes, month, and year. It has getter functions for all of these, and a set\_current function to set these values to current, as well as a set\_datetime to set values to specified values.

