Person	
●Stores userName, userPassword, userSchedule, userFriends • ShareSchedule method: shares person's schedule with another person	Schedule ScheduleEditor ScheduleComparer

Schedule	
●Store Events that represent a user's weekly schedule ●getEvent: checks for an Event at a particular time ●toString: shows the times of events in this Schedule	Event

Event	
●store eventName, eventStartTime, eventEndTime	scheduleEditor scheduleComparer

Entity Classes / Enterprise Business Rules

ScheduleEditor	

• AddEvent:
    • adds a given event to the
      schedule of the user also
      given from scheduleManager
• EditEvent:
    • Change event name, start
      time, or end time
• RemoveEvent:
    • remove a given event from
      the schedule
	ScheduleManager
	Schedule
	Event
	Person

ScheduleComparer	

• compareSchedule - this method
compares the events of the friend's
Schedule to this user's schedule
    • Access friend's schedules
      from Person entity
    • Check for mutual availability
      between two schedules
	ScheduleManager
	Person
	Schedule

Use Case Classes / Application Business Rules

Controller / Interface Adapters

ScheduleManager	
• Stores users and their associated schedules • Call on ScheduleComparer to compare two schedules associated with certain userIDs • Calls on ScheduleEditor to edit the user's schedule	ScheduleComparer ScheduleEditor CalendarPage

Interface / Frameworks & Drivers

CalendarPage	
• Display user schedule on screen • Ask user who they would like to share schedule with • Display schedule showing when two users are both busy	scheduleManager