Next meeting: Sunday 4/26 3:00 pm

Changes:

* Probably won’t need EventReference class
* We will add flyweight, adapter, and maybe builder patterns

Design patterns

* Singleton – Service manager
* Visitor – For events
* Prototype – for copying / editing events
* Observer – listening to schedule changes
* Flyweight – Cache for DbDAO
* Adapter – Convert dayofweek to int and back
* We could use builder pattern to simplify long constructor for activity/deadline

1. Services
   1. Requires DAOs
   2. Kevin – ScheduleService, UserService
   3. Josh - DBLoginVerificationSerivice, GroupService

1b. GUIs

* Right click menu - Kevin
* Assigning work times - Kevin
* Auto-append checkbox - Kevin
* Generate todo list - Trenton
* Monthly view - Josh
* Group managing - Eric
* Profile screen - Trenton
* Time spent/time left – Samuel / Josh
* Button to calc free time - Josh

1. Implementations
   1. findFreeTime - Eric
   2. Monthly view - Josh
   3. Group management - Samuel
   4. Time spent and time left – Samuel, Josh
   5. Calc free time - Josh
   6. User input validation
2. Boring documentation stuff
   1. Javadoc
   2. Tests
   3. User guide
   4. Live demo
   5. SpotBugs
   6. Git commit analysis
   7. Design patterns documented

Todo from last meeting:

* Change the event listener to use business layer / services instead of controller?

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* Make a popup box for two events in same cell, or right click menu - Kevin
* Assigning work times - Kevin
  + GUI
* Auto-Append - Kevin
  + Depends on assigned work times
  + Checkbox in event dialog
  + ScheduleManager#findFreeTime - Eric
* Generate To-do - Trent
  + Profile Screen – upcoming deadlines
  + Weekly schedule side panel
* Make monthly view – Josh?
* Groups - Samuel
  + Edit group permissions
    - Edit isEditable on references?
  + Share individual events to a group
    - Using reference
* Group Screen - Eric
  + One tab per group opened up
  + Access from profile screen
  + Show schedule
  + Show group members
* Profile Screen - Trent
  + Edit information
  + Groups
  + Categories
  + Upcoming deadlines
* View Time spent on specific task - Samuel
  + Int inputted by user when you edit an event
  + GUI
* View Time left on specific task - Josh
  + Calculated from end date - today
  + Right click menu or tooltip or something
* Calculate free time - Josh
  + How much time is free within working times

User input validation

Tests

User Guide

Live demo

Static code analysis

Git analysis (how many commits)

Time tracking

Point dist.

7 design pattern highlighted

Javadoc