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Course Number: CS-383
Team Name: Sovereign
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Work Name: Class Diagrams
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Group: Group 1
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Abstract

This is HW#3 for CS-383 – Software Engineering. The purpose of this document is to show the class diagrams for our different subsystems. As well as an over all class diagram for the whole project. These diagrams are subject to change during the course of this project.

There is also a snap shot of this sprint's stories, and the rest of the backlog for this project. The backlog will slowly be getting smaller and smaller as we complete more sprints. At the end of the document there is also a section showing what our team's plans are for the next sprint.

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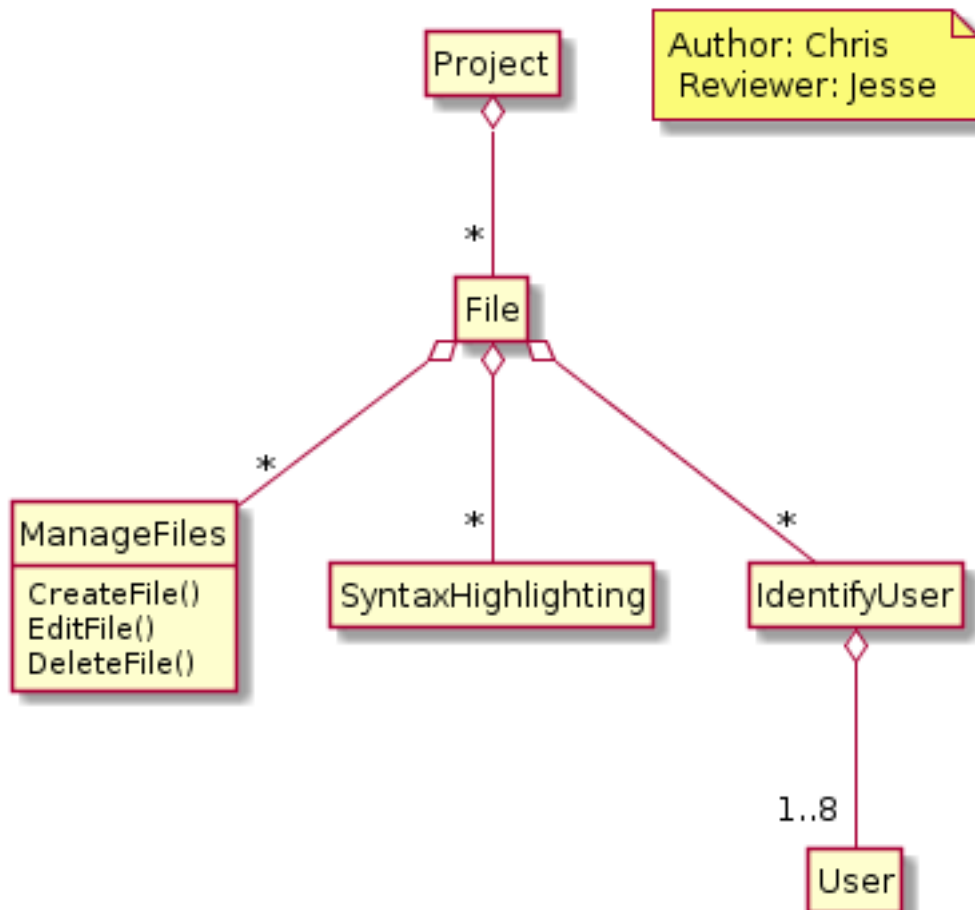
1 Class Diagrams:

The following diagrams are the sub systems of the overview diagram located at the end of the class diagrams section. Two team member were assigned to each sub system. One member designed the digram, while the other team member reviewed/edited the diagram.

1.1 Code Editing:

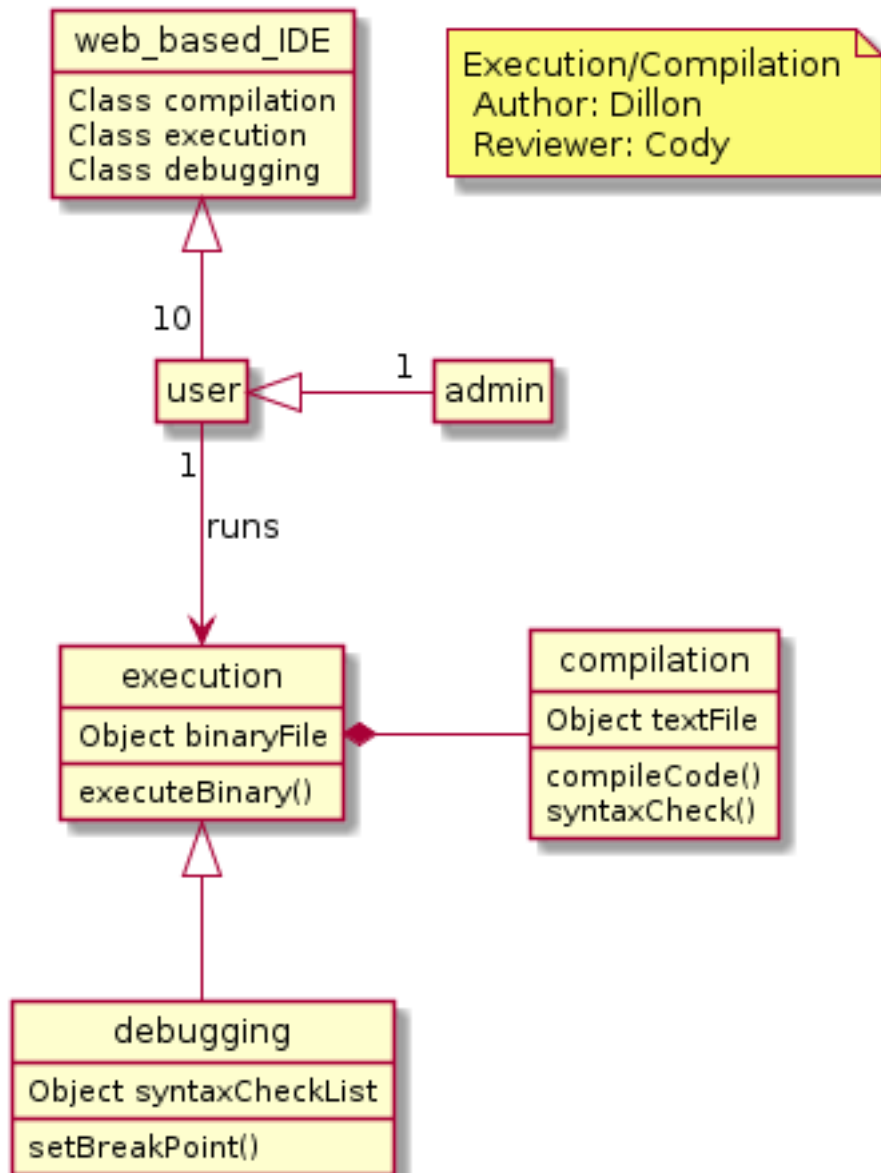
Chris Campbell and Jesse Frantzich

Code Editing Class Diagram



1.2 Compilation/Execution/Debugging:

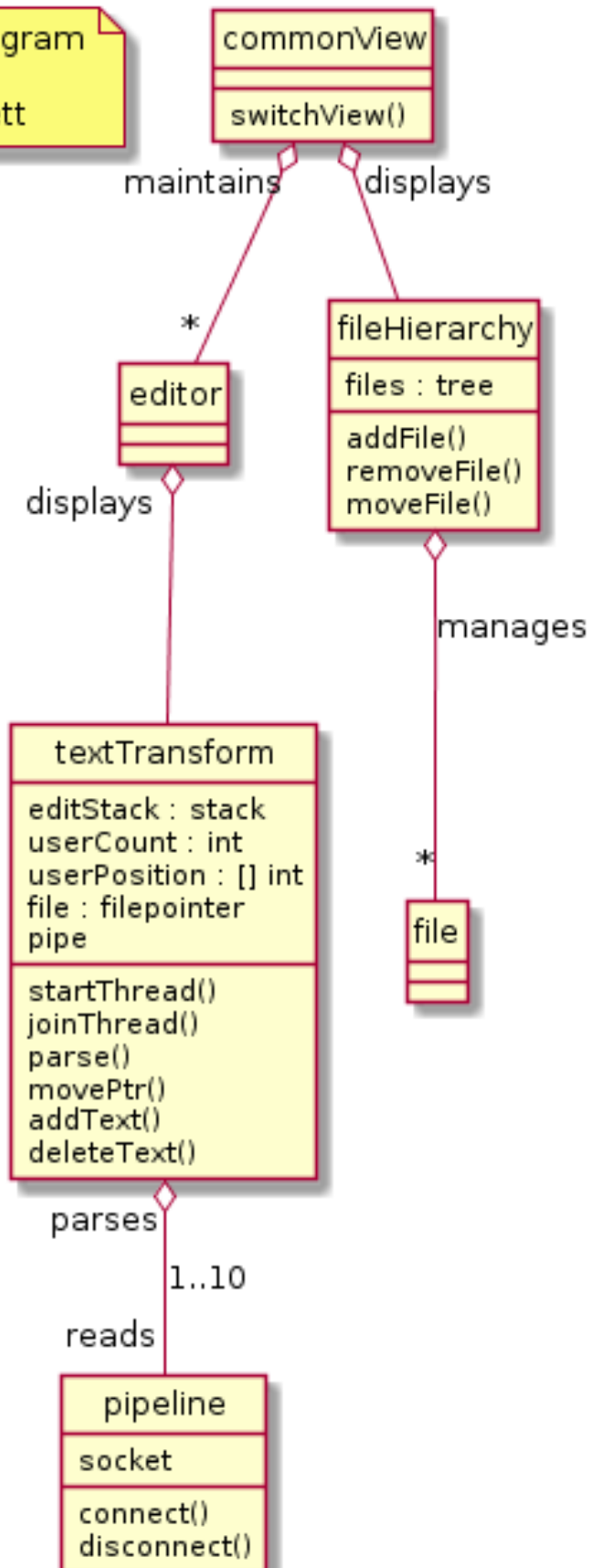
Dillon Harris and Cody Helbling

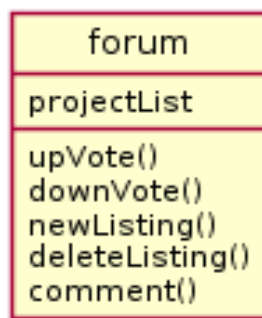


1.3 Chat/Codeshare/Commonview:

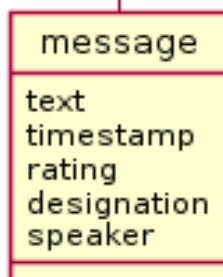
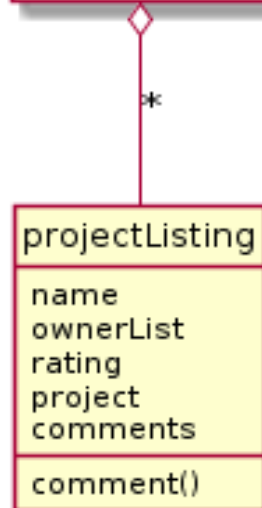
Austin Sass and Hue Purkett

Common View Class Diagram
Author: Austin Sass
Reviewed by: Hue Purkett



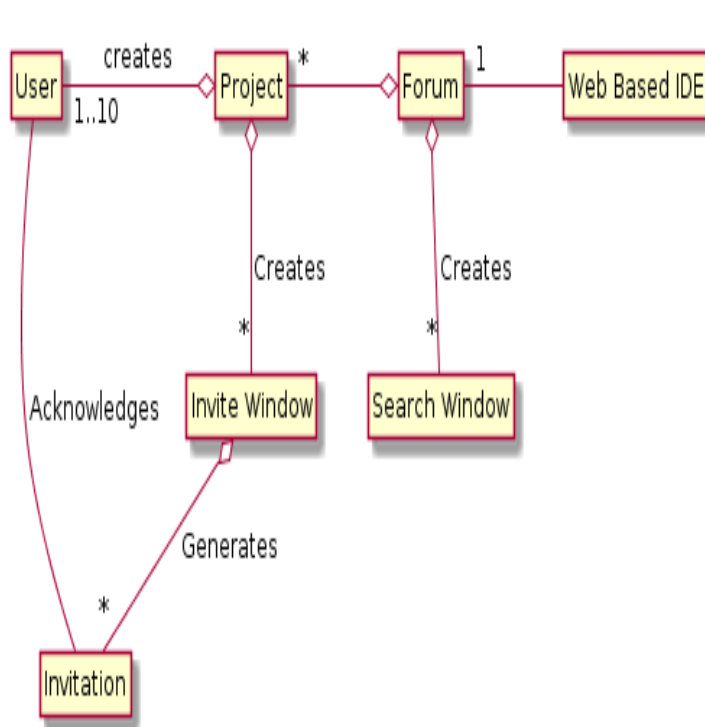


Chat Class Diagram
 Author: Hue Purkett
 Reviewed by: Austin Sass



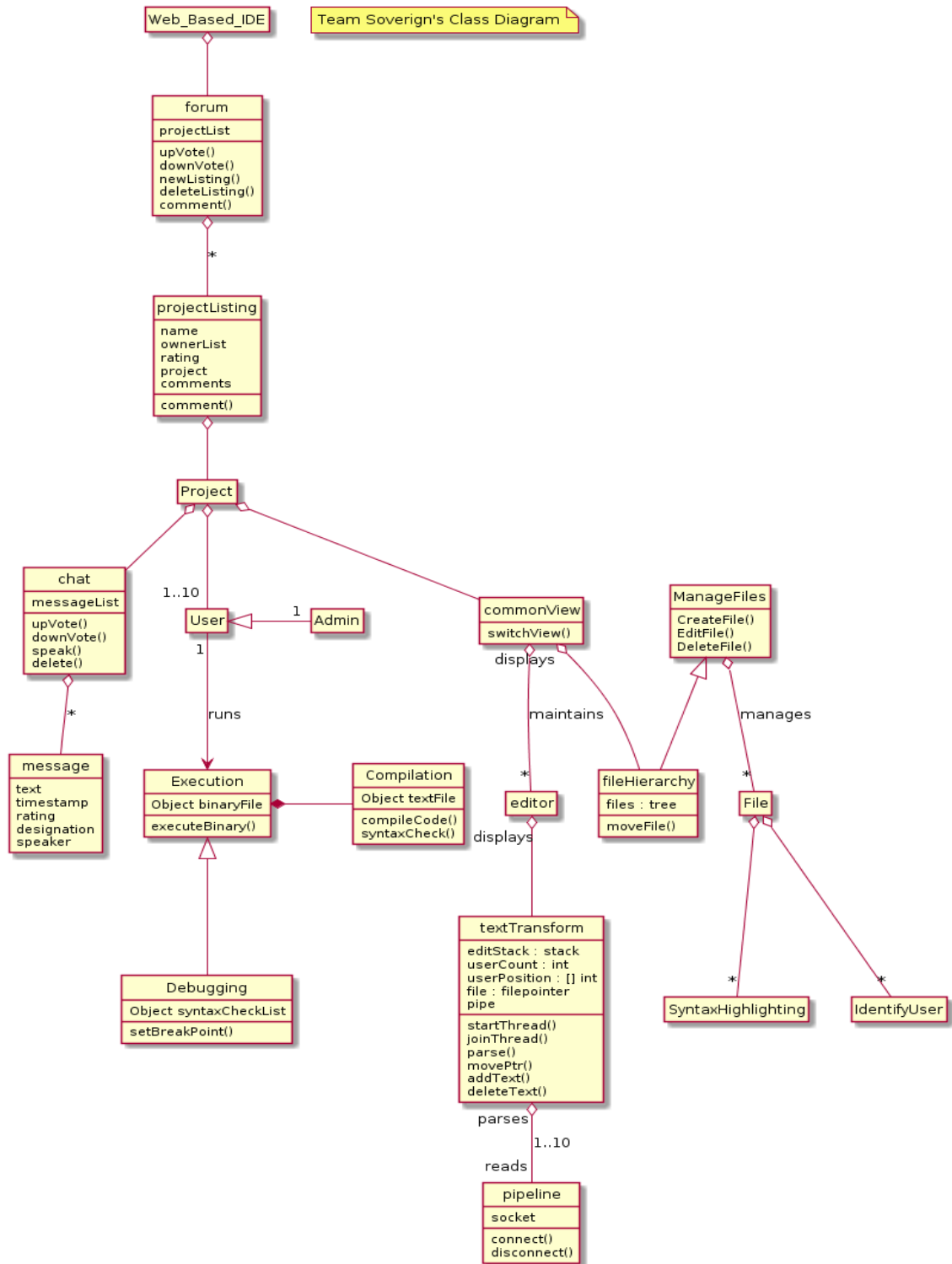
1.4 Awareness/Invitation/Finding Others:

Tyler Songstead and Afnan Alsharif



Adding Others online Class Diagram
Author: Afnan Alsharif
Reviewed by: Tyler songstad

1.5 Overview:



2 Backlog:

The picture below shows a snapshot of our groups backlog. The sprint that ends today Feb. 19th 2016 shows the three stories we all work on to finish for this homework assignment. It also shows part of the rest of our backlog. There are still around 32 backlog stories left. The rest of the stories will be placed into future sprints.

2.1 Snapshot of Backlog

The screenshot shows the JIRA interface for the 'JI board'. The top navigation bar includes 'Dashboards', 'Projects', 'Issues', 'Boards', and a 'Create' button. The left sidebar contains icons for 'VERSIONS', 'EPICS', and other views. The main content area is titled 'Backlog' and shows a list of issues. The first section is for the 'HW3 Sprint' (3 issues), which runs from 05/Feb/16 4:06 PM to 19/Feb/16 6:00 PM. The issues in this sprint are: 'JI-33 Create Overview Class Diagram', 'JI-32 Create Individual Class Diagrams', and 'JI-34 Create Function/Non-Functional Requirements'. Below this is the 'Backlog' section (29 issues), which includes a list of tasks such as 'JI-1 Editing of Files', 'JI-2 Execution of Files', 'JI-3 Creating a File', 'JI-4 Import Code', 'JI-5 Syntax Checking', 'JI-6 Chat Room Setup', 'JI-7 BlockXX Overhead', 'JI-9 Deleting a File', 'JI-10 Export Code', 'JI-11 Delete Project', 'JI-12 Create Project', 'JI-13 User Profiles', and 'JI-14 Compile Java Code'.

Sprint	Issue ID	Issue Description
HW3 Sprint (3 issues)	JI-33	Create Overview Class Diagram
	JI-32	Create Individual Class Diagrams
	JI-34	Create Function/Non-Functional Requirements
Backlog (29 issues)	JI-1	Editing of Files
	JI-2	Execution of Files
	JI-3	Creating a File
	JI-4	Import Code
	JI-5	Syntax Checking
	JI-6	Chat Room Setup
	JI-7	BlockXX Overhead
	JI-9	Deleting a File
	JI-10	Export Code
	JI-11	Delete Project
	JI-12	Create Project
	JI-13	User Profiles
	JI-14	Compile Java Code

3 Plan For Next Block:

The plan for this next block is as follows, however these objectives can change as the week progresses:

- Have a group meeting early. We will be meeting Saturday Feb 20th at 6PM.
- Have better communication as a group.
- Set clear objectives for the homework assignment and complete them.
- Assign groups of two, maybe three, to each story in the sprint.
- Start the work on the foundation of the IDE, which will be the File editing aspect of the IDE through a web interface.