COSC2299 Software Engineering: Process & Tools
Semester 1, 2016
Assignment 1

Group Members

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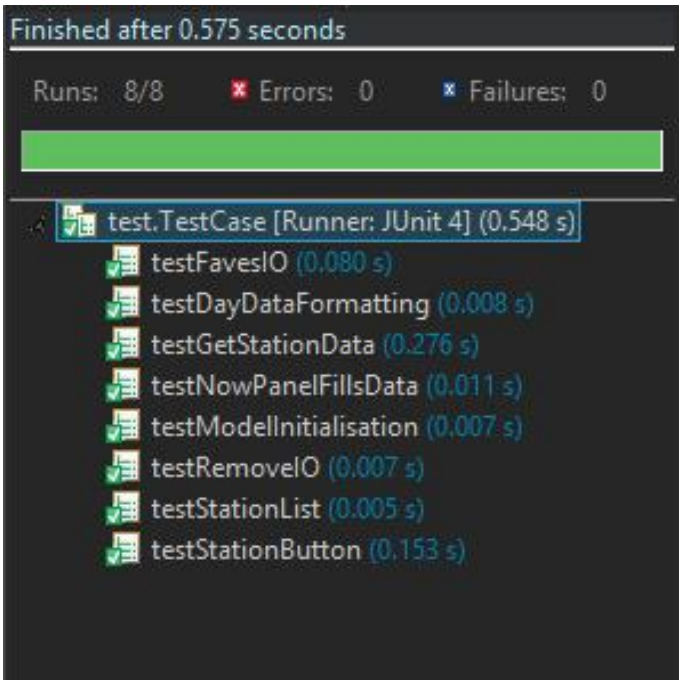
User Stories

As a user I want to:	So that:
Open a separate window displaying station weather information	I can monitor weather of station.
Add/Remove a station to a favourite list	I can view them directly from the main menu
Open multiple windows of stations	I can view all of them simultaneously
Refresh a weather table	I can keep up to date with latest data from the website

Unit Tests

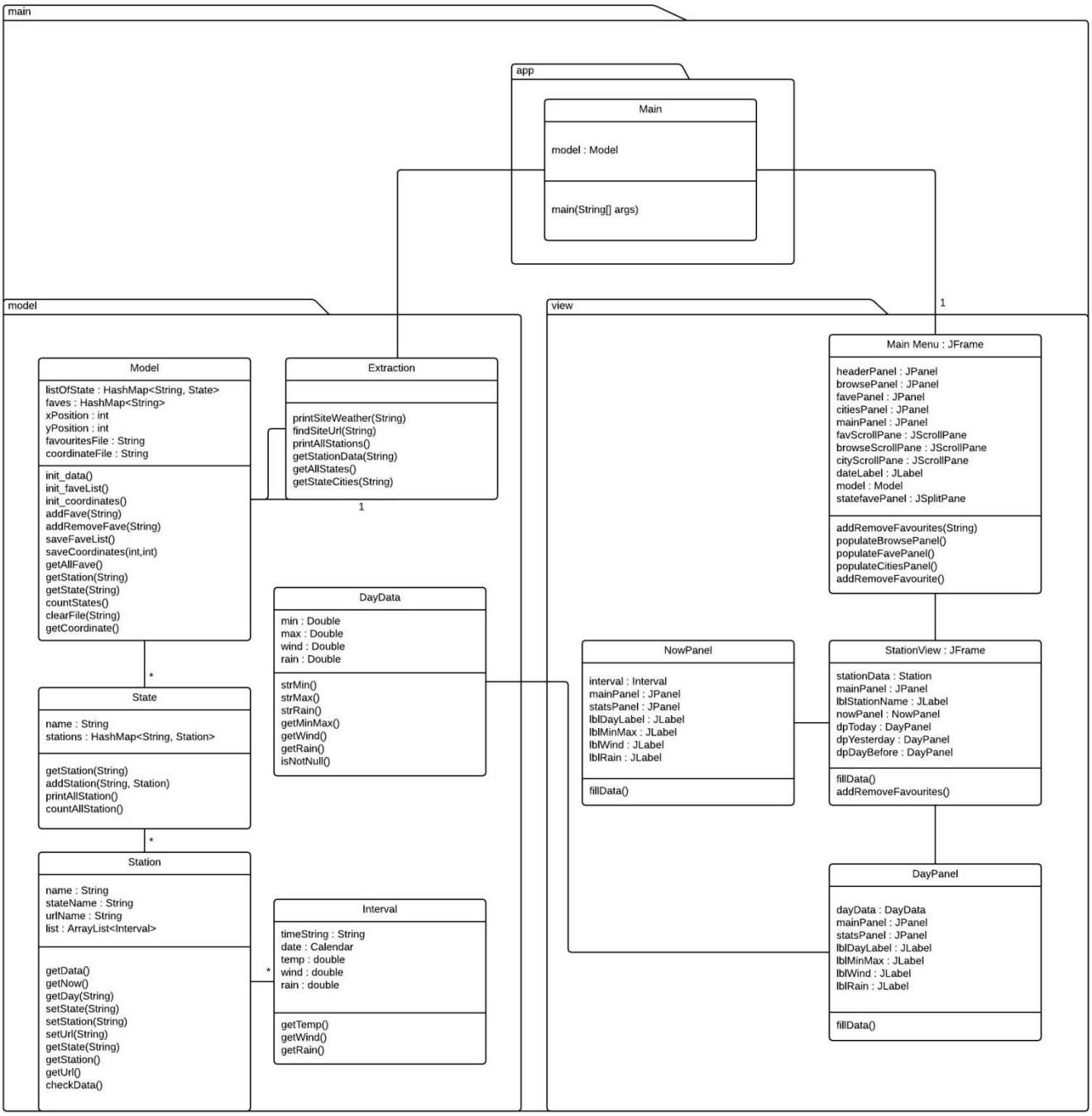
Test Method Name	Description	Status
testModelInitialisation()	Test the model starting initialisation by counting the number of states in model	Passed
testStationList()	Test the state starting initialisation by counting the number of stations in state	Passed
testGetStationData()	Test the station get data feature by checking if the data is null	Passed
testStationButton()	Test the station button from GUI by checking that the data is filled by clicking the button	Passed
testNowPanelFillsData()	Tests that the NowPanel displays data	Passed
testDayDataFormatting()	Tests the DayData class formatting functions	Passed
testFavesIO()	Tests the functionality of the favourites list's persistence	Passed
testRemoveIO()	Tests the functionality of the favourites list's persistence	Passed



User Guide

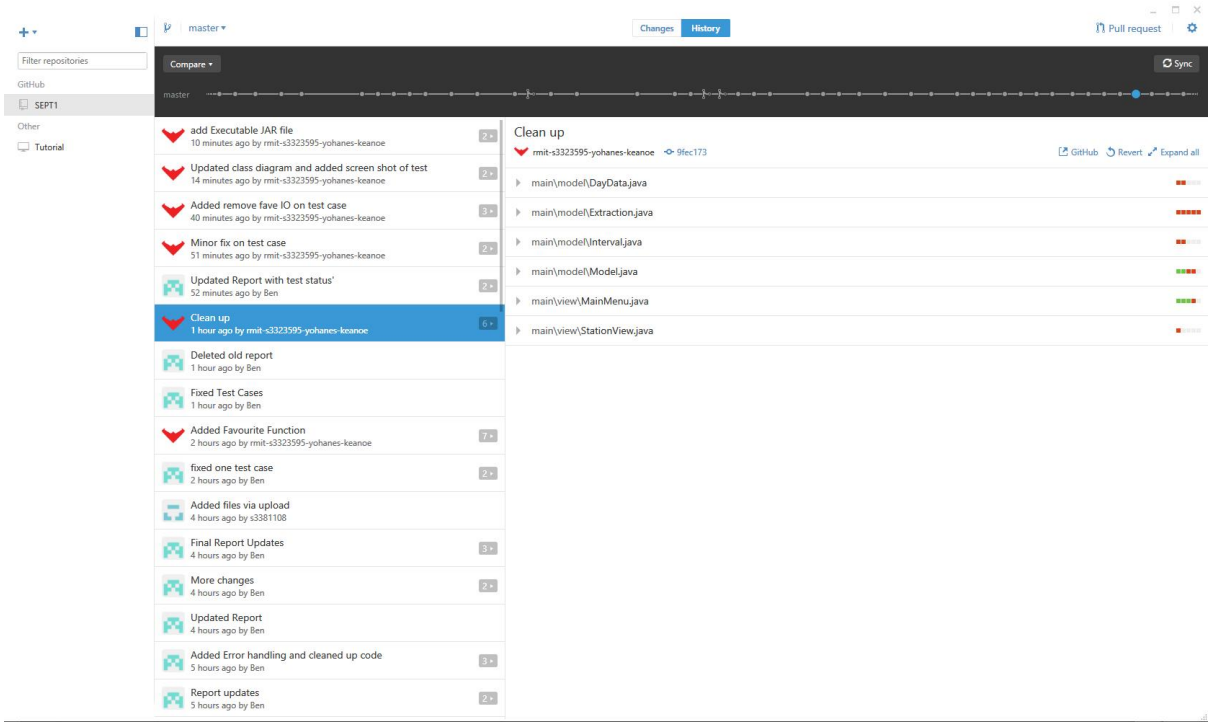
Task	Steps involved
1. Monitor weather of station	-user opens application -selects a state -selects a station -station info displays to user
2. Add favourite station	-user opens application -selects a state -selects a station -clicks add favourite
3. Remove favourite station	-user opens application -selects a favourite -selects delete favourite
4. System stores favourites for next boot up	-user selects favourite weather station -system stores favourite list -system restarts with favourites saved
5. Monitor weather of multiple stations simultaneously	-user selects which station they want to view -program opens individual station info in new window
7. Refresh weather table	-user opens desired station -user clicks refresh button to update the data

Class Diagram



Repository

Github



Communication tools

Facebook