Thierry's Minions/Team25

Deliverable 3

CSCC01 Fall 2018

Sprint 1 Backlog

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1 Sprint Tasks

1.1 Task 1A: Setup server

- Story Points: 5
- Setup server using nodejs.
- Don't need to setup persistent database, create mock database using javascript.
- Database will be called database.js
- Create login endpoint
- Login endpoint will be a http POST request to: /login/org-user/
- Body of request will have json with login information:
- {username: John, password: pass1}

1.2 Task 1B: Setup database

- Story Points: 2
- This task has a dependency on task 1A
- Setup persistent SQL database using Amazon Web Services.
- Connect server to database
- Replace functions implementations in database.js to use the real database

1.3 Task 1C: Create Login Page

- Story Points: 8
- Create Login page for the Desktop Application
- Desktop Application will be written in Java and use JavaFX for UI Library
- Application must be simple to compile and run
- Login page will have 2 fields, username and password
- Login page will have a login button

1.4 Task 1D: Create Login Controller

- Story Points: 3
- This task has a dependency on task 1A
- Create Login Controller Class for the Desktop Application
- Controller should contain implementation for sending login information to server
- Controller should recieve response from server and distinguish between successful and unsuccessful login

1.5 Task 1E: Integrate Login UI and Controller

- Story Points: 2
- This task has a dependency on task 1C, 1D
- Integrate the login controller with the UI
- The login request should be sent when button is clicked on UI
- The UI should reflect whether the login operation was successful

1.6 Task 1F: Test entire flow

- Story Points: 1
- This task has a dependency on all previous task in story
- Test the entire workflow of login (Client + Server)
- Fix any errors

2 Sprint Plan

Sprint 1 : October 6th - October 12th (Saturday - Friday)

Story	Task	Dependency	Story Points	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	A		5	RS:2	RS:3					
1	B	A	2			JS:2				
1	C		8	ES:2	ES:2	ES:4				
1	D	A	3			JA:3				
1	E	C, D	2				BB:2			
1	F	ALL	1					JS:1		

- Estimated story points team can complete: 21
- Rishabh will complete task 1A by end of day 2.
- Joey will complete task 1B by end of day 3.
- Edgar will complete task 1C by end of day 3.
- Jayden will complete task 1D by end of day 3.
- Balaji will complete task 1E by end of day 4.
- Joey will complete task 1F, and release feature by end of day 5.
- The team believes they can complete User Story 1 by end of the day 5.

3 Sprint Report

Sprint 1 : October 6th - October 12th (Saturday - Friday)

Story	Task	Dependency	Story Points	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	A		5				RS:3	RS:5		
1	B	A	2					JS:3		
1	C		8		ES:8	ES:4				
1	D	A	3				JA:3			
1	E	C, D	2							
1	F	ALL	1							

- Actual story points burned: 18
- Edgar didn't start task 1C until day 2. It took Edgar 4 hours longer then expected.
- Rishabh didn't start task 1A until day 4, and finished on day 5. It took Rishabh 3 hours longer then expected.
- Joey finished task 1B on the same day task 1A was completed.
- Jayden started task 1D a day late. He completed the task on the same day.
- Balaiji wasn't able to work on task 1E for the sprint due to other school commitments.
- The team didn't complete user story 1 by end of the sprint 1.Remaining tasks will be carried over to sprint 2.

4 Sprint Burndown Chart