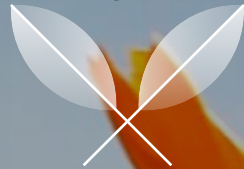


WEEK 5 Project Presentation



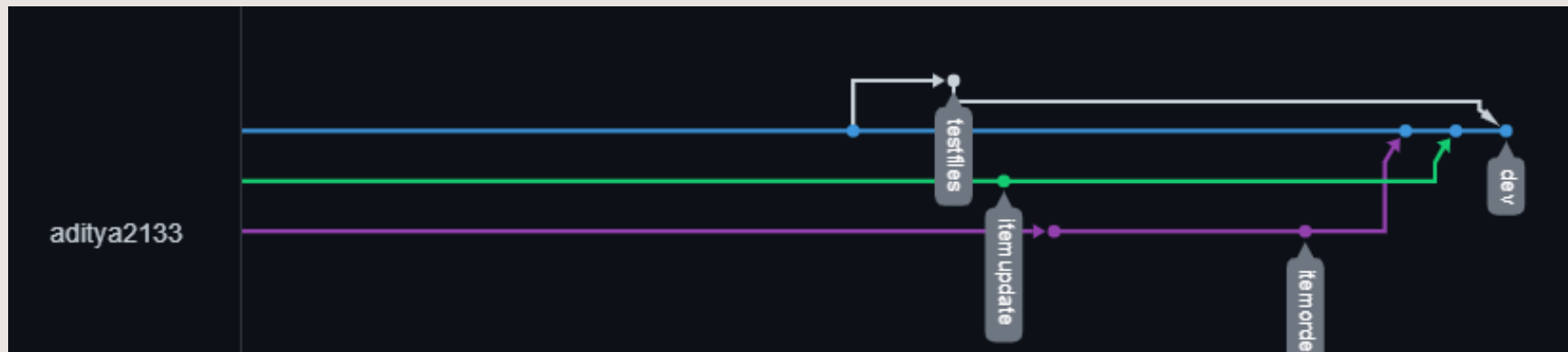
By Aditya Pande

Consultant Journey – Technologies Skill-up

Technologies	:	Purpose
Git and GitHub	:	Version Control And Source Code Management
Jira	:	Scrum and Agile
MySQL Workbench	:	Database Management
Java	:	Back-End Programming
Maven	:	Build Tool
JUnit and Mockito	:	Unit Testing

Version Control

- Forking from main and working on dev
- Using Main/ Dev/ Feature branch model
- Committing and push every 3hrs, as well as with completion of sections



Example section

Testing

- Unit Testing Using :
 - *Junit* : for all Domain and Dao classes
 - *Mockito* : for all Controller classes – testing using Mock objects

Current Coverage of src/main/java :

Demonstration – User Stories – Example of my final stage

<input checked="" type="checkbox"/>	AW5P-32	Create a requirements list	=	TO DO ▾	AP
<input type="checkbox"/>	AW5P-18	As a Software Developer I need to test my code so...	CODE TESTING	IN PROGRESS ▾	AP
<input checked="" type="checkbox"/>	AW5P-44	Connect with Junit and Mockito	=	DONE ▾	AP
<input checked="" type="checkbox"/>	AW5P-45	Do testing and ensure at least 80% coverage	=	IN PROGRESS ▾	AP
<input type="checkbox"/>	AW5P-20	As a Software Developer I need to log any failed te...	CODE TESTING	IN PROGRESS ▾	AP
<input type="checkbox"/>	AW5P-21	As a Software Developer, I need to create ...	FINAL DOCUMENTATION	IN PROGRESS ▾	AP
<input checked="" type="checkbox"/>	AW5P-22	Create a strong Readme	=	TO DO ▾	AP
<input checked="" type="checkbox"/>	AW5P-24	Show a After UML (Unified modelling language) shows evolution ov...	=	TO DO ▾	AP
<input checked="" type="checkbox"/>	AW5P-23	Create a After ERD (Entity Relationship Diagram) shows evolution ov...	=	TO DO ▾	AP
<input checked="" type="checkbox"/>	AW5P-27	Ensure all tools and workflows are discussed in detail in documentat...	=	TO DO ▾	AP
<input checked="" type="checkbox"/>	AW5P-46	Create a fat.jar file and move it in-line with the readme.md	=	TO DO ▾	AP

Sprint Review And Retrospective

- Created the Sprints with completion of project as goals
- Testing fell back a little due to time limitation
- What Went Well:
 - List all task at start
 - Plan time and modify as required
- What Could be improved:
 - Time allocation for each task at start
 - Better categorisation/naming of tasks
 - Regular creating and moving sprints

Conclusions

- Overall goal of learning technologies to be able to complete the task to a good standard was achieved
- Followed OOP and SOLID principles as best as possible, however, improvements possible given time as this is the first time coding in java
- Better Segregation of work in the Feature/Branch model could reduce time in pushing and pull for version control
- Features such as added query calling methods could be added