

IMS Project: Myles Brathwaite

27th November 2020



Introductions

- Who am I?
- My Approach to the Specification

Consultant Journey

- Self Taught Pythonista so understood basic concepts in coding and how to breakdown problems somewhat
- Technologies Learned During Project:
 - Java
 - JDBC
 - MySQL
 - MySQL Workbench
 - GCP
 - Jenkins

Continuous Integration

- GitHub Repository
- 2 Branches Main and Development Branch
- Used Jenkins as a buildtool

Testing

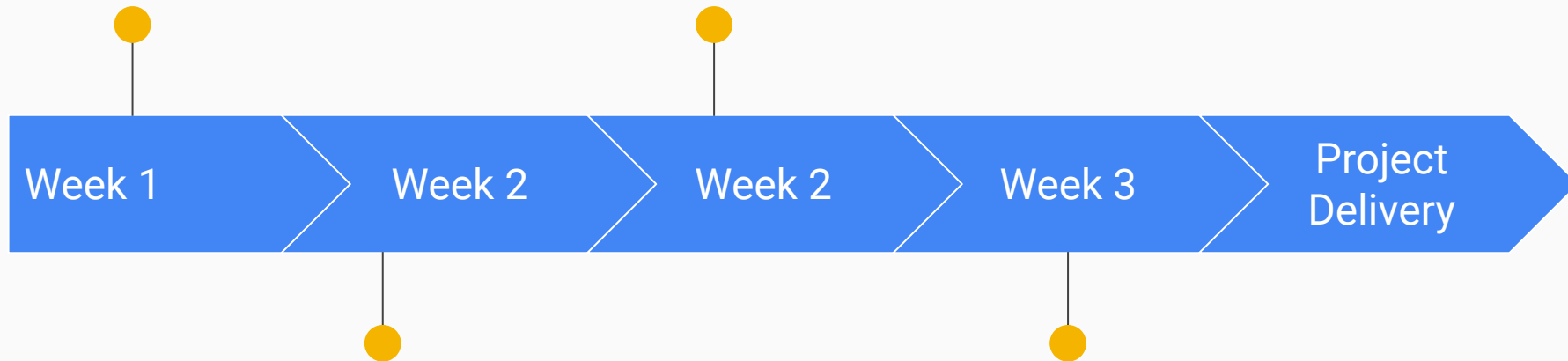
- Unit Testing
- Database Accessor Object
 - To ensure that JDBC was communicating with Database as expected.
- Controller
 - Ensuring that the controller was behaviour was working as expected

LIVE DEMO

Sprint Review

Sprint 1 - GitHub, ERD
and Jira Set Up

Sprint 3 - Order DAO
and Controllers

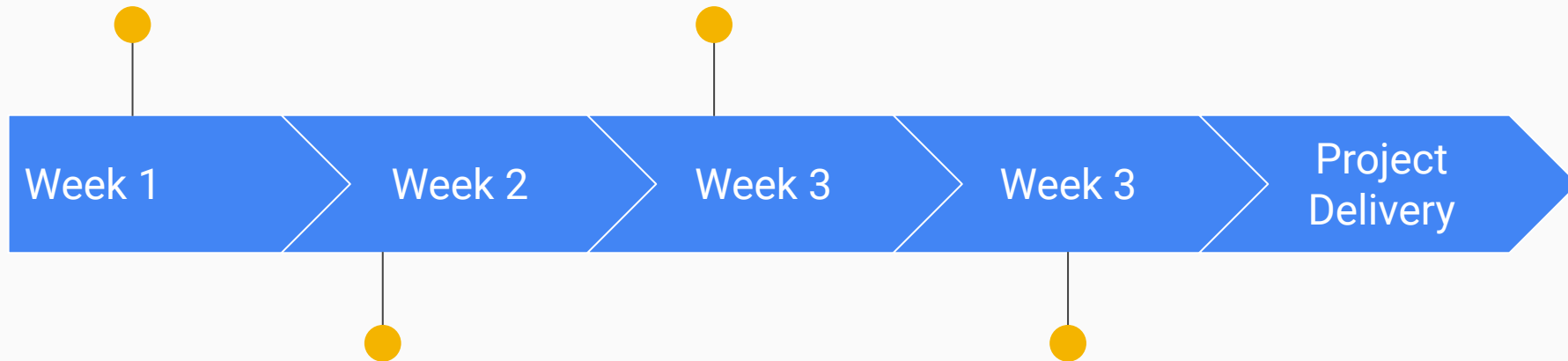


Sprint 2 - Set Up DAO
Interface and
Customer and Item
DAOs

Admin Work for
project

Sprint 1 - GitHub, ERD
and Jira Set Up

Sprint 3 - Redo Order
DAO and Controller
and Testing



Sprint 2 - DAOs
Controllers

Admin work for project

Sprint Retrospective

Positives

- I underestimated my ability to complete work so managed to finish project early
- Managed to meet every Deliverable criteria

Improvements

- Update Kanban as a when tasks are completed
- Spend more time thinking about scope of sprint in relation to ability

Conclusions

Positives

- Gained knowledge in Java and MySQL learned a lot about code design and managed to deliver my first project
- Gained self confidence in my ability to think problems through and solve them
- Confident in ability to deliver future projects

Improvements

- Ensure proper use of Kanban board
- Ensure proper use of Git
- Communication when having issues with trainer could be improved

Looking Ahead: The main features I would add in the future is customer interaction instead of a user interaction, the addition of a front end and methods that increase functionality between user and database such as join queries.