

FULL STACK

Capstone Project

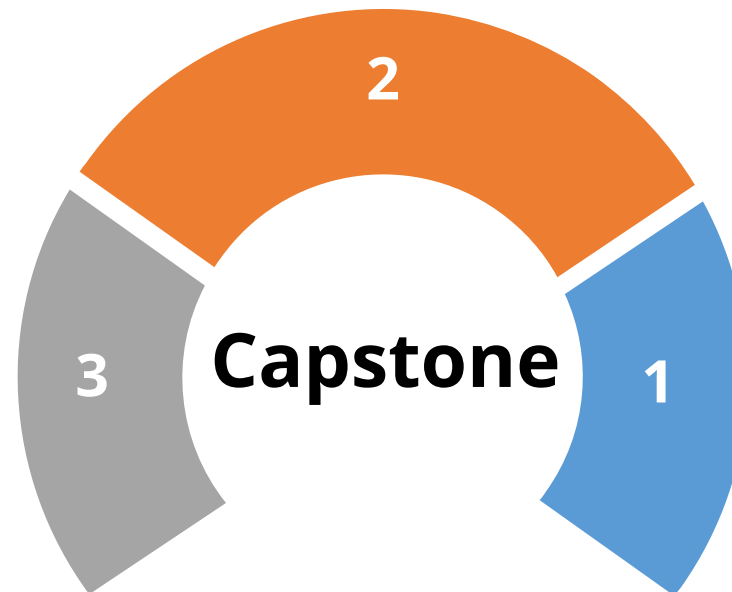


Capstone Project: Introduction

A Capstone project is one big project that aims to deliver end-to-end functionality of a business application.

Multiple technologies

Every stage of a Capstone project can be implemented with different technologies and frameworks present for the operations.



Scalable

Due to its dynamic nature, it is built around various domains and business use cases which make it scalable.

Multi-level

It is a multi-level project with different stages like backend, frontend, and DevOps.



Testing Framework for Sporty Shoes Website

Agenda:

The objective is to develop a comprehensive QA and test suite for the Sporty Shoes website. The QA effort will require the following:

- Browser-based end user testing using Selenium WebDriver
- Doing unit testing of the source code using Junit
- Load Testing using JMeter
- API Testing with Postman
- The end-deliverables will be executable scripts and modules which can be run on demand for testing the Sporty Shoes web app.



Project Development Flow

Agile planning

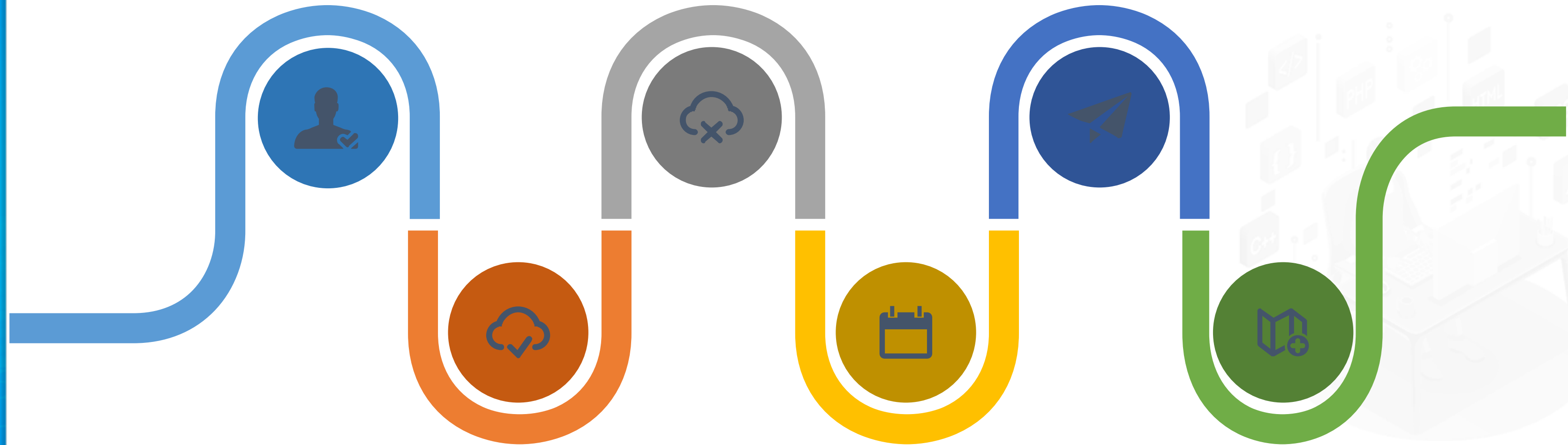
Database
management

Frontend

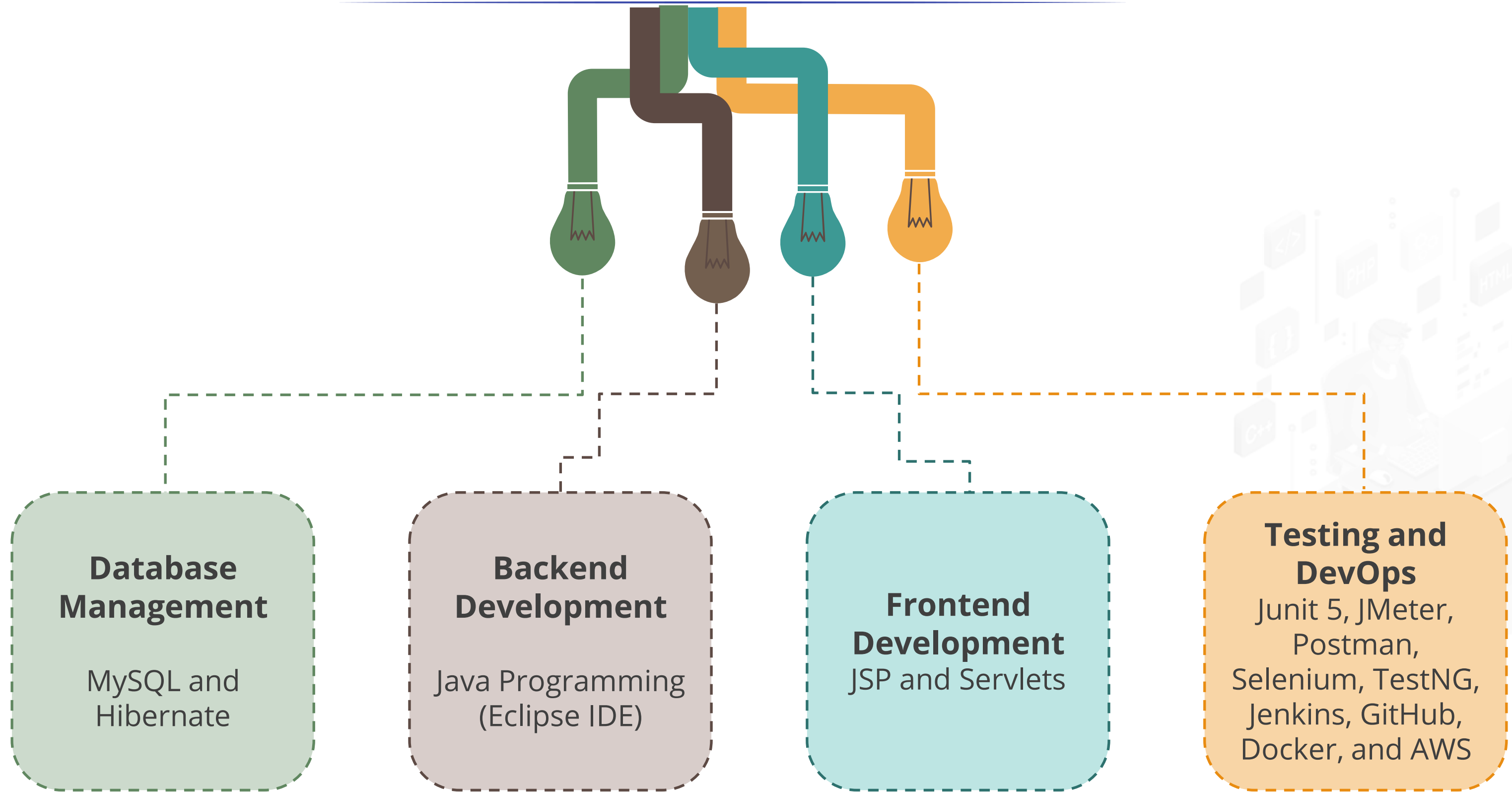
Project delivery
divided into sprints

Backend

DevOps and testing



Technologies



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Thank you