Version 1.1

**Milestones Document**

**(Stock Market Case Study)**

This document briefs the Milestone Activities and Deliverables (of Java Full Stack) for Stock Market Charting Case Study. Separate documents with input details will be shared, shortly.

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| **Milestone 1:** |
| **Associate’s Activities: Mid Tier – Microservices**  Associates need to design and develop below   * Entity classes * Model classes * Repository, * Service Layer, * Microservices * Unit Testing, Integration Testing |
| **Expected Deliverables:**  Github.com public repository link with Microservice Source code |
| **Milestone Submission Date:** **31st Aug 2020** |

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| **Milestone 2:** |
| **Associate’s Activities: FrontEnd - Angular Application**   * Associates need to develop Angular application. * Angular Application need to contain required Components, Services, Routing, usage of Directives(inbuilt/custom), Pipes, Styling, Bootstrap, and other features (@Input, @Output, @Viewchild), etc… wherever appropriate. * Unit Testing Jasmine code need to be provided for atleast one component/service. * Microservices developed in milestone 1 need to be consumed by this angular application |
| **Expected Deliverables:**  Github.com public repository link with Angular application source code |
| **Milestone Submission Date:** **03th Sep 2020** |

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| **Milestone 3:** |
| **Associate’s Activities:** **CI/CD, Jenkinsfile, Dockerfile**  Jenkins need to be used to perform CI/CD activities  Docker need to be used for deployment  **Microservice/DB/Angular need to be Dockerized (Atleast one)** |
| **Expected Deliverables:**  Github.com public repository link with  Complete Application (integrated Front End and Mid-Tier) including  Jenkinsfile with at least two stages  Dockerfile |
| **Milestone Submission Date:** **09th Sep 2020** |

For, any further queries, you may mail **fullstack@iiht.com**