**FSD Assessment (.Net Stack)**

**Project Management site – Front End**

Prerequisites for executing the front end (Angular) solution

Node 6.9.0 or higher, NPM 3or higher and TypeScript 2.2.0 or higher

Install the Angular CLI globally - npm install -g angular-cli

GitLab location - <http://172.18.2.18/JosyJoseph/ProjectManagement>

Steps for running the app

* Download the files from GitLab
* Open CMD window and go to project folder
* To install node modules - npm install
* To run the application – npm run ng serve
* To run the Karma test – ng test –code -coverage

**Project Management Site – Back End**

Prerequisites for executing the service layer (WebAPI) solution

SQL server 2012, VS 2017

GitLab location - <http://172.18.2.18/JosyJoseph/ProjectManagement-API>

Steps for running the app

* Download the files from GitLab
* Open the solution file using VS2017
* Set the ProjectManagerApi as start-up project

**FSD Reports**

Continuous integration using Jenkins

JenkinsFrondEndDeployment.txt – Build log for Angular project deployment.

JenkinsServiceDeployment.txt – Build log for WebApi project deployment.

Karma-Jasmine Test report

To generate report use command – ng test –code-coverage

NBench and unit test coverage Report for WebAPI

ProjectManagerApi.Test.ProjectManagerNBench.md – Nbench report

APICodeCoverage.coveragexml – WebApi coverage report

These reports are generated and uploaded to the IIHTCOGNIZANT site