**Design Meeting Minutes**

**Sprint :** Sprint 2

**Venue :** Skype Online Meeting

**Time :** 8.30PM – 11.30PM

**Date :** 29th of August 2018

**Meeting :** Meeting 1

**Prepared By:** G.D.Janith Ronaka

**Members Attended:**

G.D.Janith Ronaka

H.M.D.L.Gunasiri

T.T.T.Rathnaweera

Bhanuka Hingalagoda

**Purpose of the Meeting**

* Decide a common development workflow for the middle tier
* Knowledge sharing about the middle tier workflow

**Minutes**

The main purpose of this meeting was to discuss about the file structure for the middle tier and workflow that we should follow to implement the business logic in the middle tier. Since we had chosen the node and expressJS technology and framework for the middle tier developments, we planned to use the MongoDB Compass community edition and Postman tools for testing the API calls and DB. Tharushan suggested that each of our components should have separate folders in the api directory and each of those folders should contain 4 files as following.

* controller.js
* model.js
* route.js
* service.js

Model.js file should contain the schema configuration of the relevant collection. Service.js file should have the direct database calls for the relevant schema such as get, insert, update etc. For the ease of development and maintainability we decided not to call any of those service.js methods from the component.ts file. Instead of calling to those direct methods we thought to have wrapper methods for those direct methods in the controller.js file and call to those methods. So the controller.js file of the each component contains both wrapper methods and business logic methods of the component. Route.js file is responsible for the method routings of the controller.js file. Even though we had planned about 1 hour to the design meeting, it took 3 hours since there were lot of knowledge sharing about the middle tier workflow.

Some screenshots taken at the knowledge sharing session

