**Phase 1**

**Objectives:**

Is to build an enterprise base application that has the boiler plate code regarding configuration and setup for subsequent applications. The application should have user management module where roles and permissions can be assigned and access to screens are controlled by the respective access rights.

**Features:**

The said application should have the following features

* User login area: login page to access secure resource area
* User management
* Add, remove uses and control user roles and permissions
* Admin area to control Users permission and roles
* Dynamic roles (Assigning and retracting permissions on the fly)
* View/Page restriction(depending on the access type)
* Create roles and assign permissions to it
* Assign access permissions to individual users with roles
* Embeddable database
* Web service calls (REST API/ SOAP)
* Web service documentation
* Passive message broker
* Scalable database model
* \* Single sign on

**Tech requirements:**

* Java
* Springboot
* Spring data/Hibernate
* Spring Security
* Swagger
* Frontend Tech (Thymleaf/HTML/JSP)
* ActiveMQ
* H2 Datase/Postgress/Mysql
* Maven
* Send Email Notifications
* **\*** keycloak/Spring LDAP (Identity Manager/Single Sign on)

**Task 1 (Davis):**

Create Hello world page from spring using MVC. The html view should output hello world using our existing Baseapplication

**Phase 2**

**TBD**