Notes Application Set up

Build Tool : Maven

Web framework: Spring MVC and Hibernate

Security Tool: Spring Security

Repository: MYSQL

ORM Tool: Hibrenate

Application Server Tomcat

Created the following api’s for NotesApp Entity

**URL Method Description**

{host}/notes/login POST Register a new User

{host}/notes/{name} GET List all the notes for User

{host}/notes POST Create a new note

{host}/notes PUT Update the note

{host}/notes/{id} DELETE Delete the Note

**DATABASE**

Created a notes table for Notes Management

CREATE TABLE `notes` (

`note\_id` int(11) NOT NULL AUTO\_INCREMENT,

`note\_content` text ,

`username` varchar(50) NOT NULL,

PRIMARY KEY (`note\_id`)

CONSTRAINT `notes\_ibfk\_1` FOREIGN KEY (`username`) REFERENCES `users` (`username`)

) ENGINE=InnoDB AUTO\_INCREMENT=6 DEFAULT CHARSET=latin1;

Created a User table for User Management

DROP TABLE IF EXISTS `users`;

CREATE TABLE `users` (

`username` varchar(50) NOT NULL,

`password` varchar(50) NOT NULL,

`enabled` tinyint(1) NOT NULL,

PRIMARY KEY (`username`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

Refer to the sql-scripts in the source code