

# Manual for Mini Appointment System

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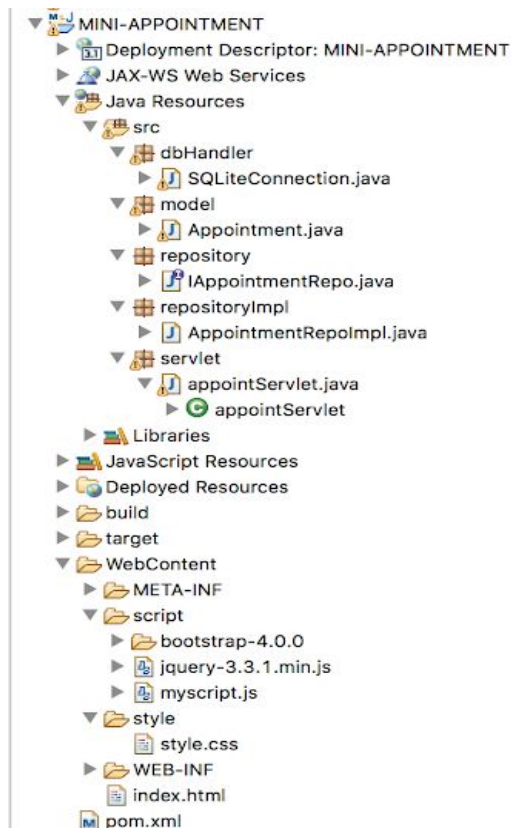
## Installation requirements

- Java 7 or more installed
- Application server, I have used apache tomcat.
- Latest Maven plugin
- Tomcat 9

## Step by step guide to run from eclipse

1. Clone or download the project from this github account
2. On eclipse import it as an existing maven project. (I have used the latest maven plugin)
3. Run the project on preferred server.

## Project Structure



I will go through the main components

On the src package, there are 5 packages

1. dbHandler : Handles database queries.
2. model : Defines appointment structure.
3. repository : Responsible for defining an abstraction of a class that handles passing servlet requests to dbHandler and return the results.
4. repositoryImpl : Implementation of repository package classe.
5. servlet : defines the servlet class.

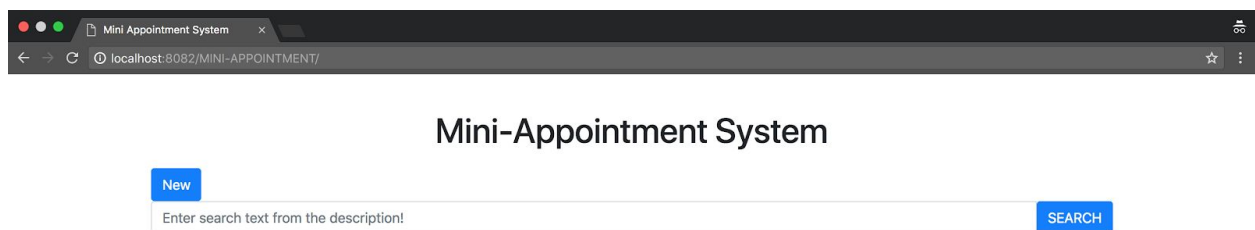
On WebContent folder we have mainly two folders.

1. script : this folder defines bootstrap library, jquery library and custom javascript.
2. style : this folder contains a simple custom css file.

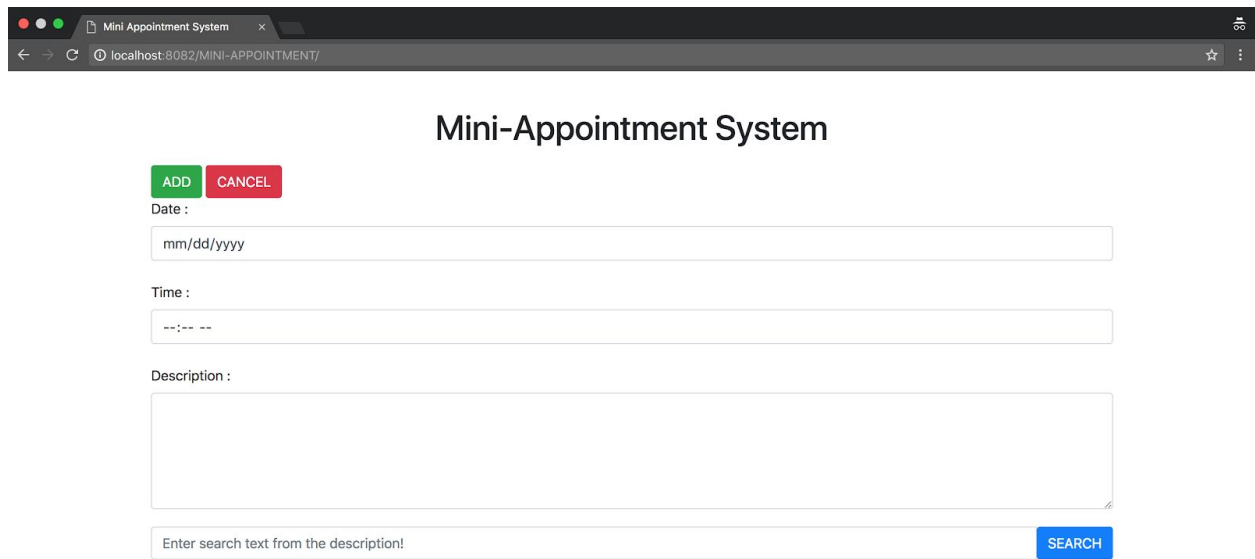
The last but important file is index.html which contains the html definition.

Below I have included continuous screenshots of the system running.

Main Page

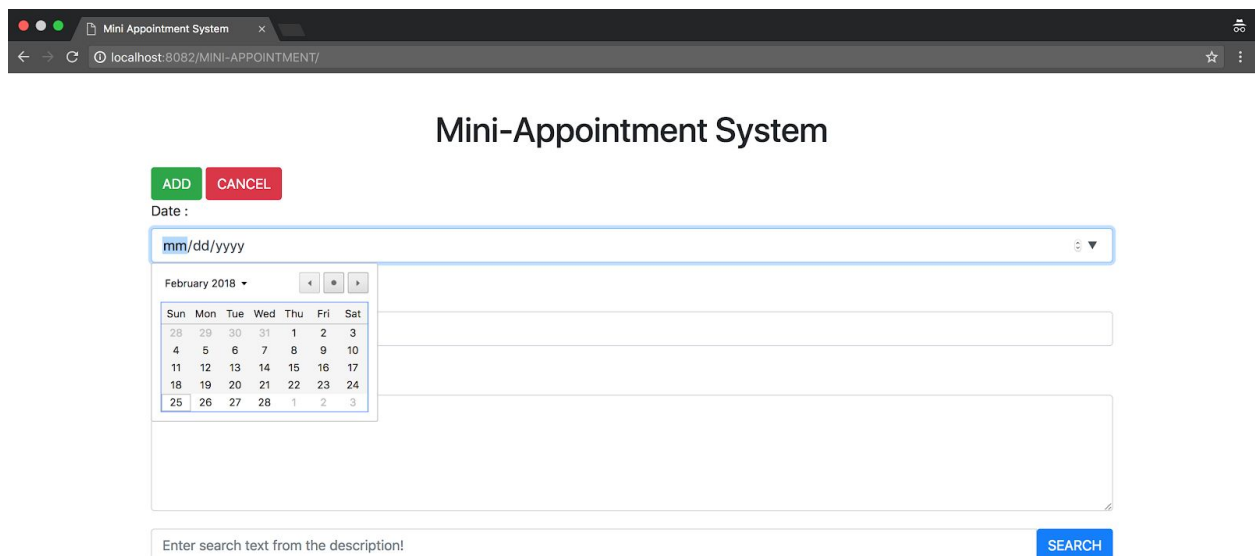


When New button is clicked



The screenshot shows a web browser window titled "Mini Appointment System" with the URL "localhost:8082/MINI-APPOINTMENT/". The page displays a form titled "Mini-Appointment System". At the top left of the form are two buttons: "ADD" (green) and "CANCEL" (red). Below these buttons are three input fields: "Date :" with a placeholder "mm/dd/yyyy", "Time :" with a placeholder "--:-- --", and "Description :" which is a large text area. At the bottom of the form is a search bar with the placeholder text "Enter search text from the description!" and a blue "SEARCH" button.

When date selector is clicked. (It will activate dates starting from the current date)



The screenshot shows the same web browser window as before, but the "Date :" input field is now active, showing a date selector calendar. The calendar is for February 2018, with the days of the week (Sun, Mon, Tue, Wed, Thu, Fri, Sat) and the dates (1 through 28) displayed. The "Date :" input field still shows the placeholder "mm/dd/yyyy". The rest of the form, including the "Time :", "Description :", and "SEARCH" button, remains the same.

When a date that has already passed is selected :

The screenshot shows the 'Mini-Appointment System' web application. At the top, there are 'ADD' and 'CANCEL' buttons. Below them is a 'Date :' label and a date input field containing '01/25/2018'. A tooltip message above the input field states: 'Value must be 02/25/2018 or later.' Below the date field is a 'Time :' label and a time input field containing '11:01 AM'. Underneath is a 'Description :' label and a text area containing 'presentation for UI team'. A search bar with the placeholder 'Enter search text from the description!' and a 'SEARCH' button is located below the description field. At the bottom, a table displays existing appointments:

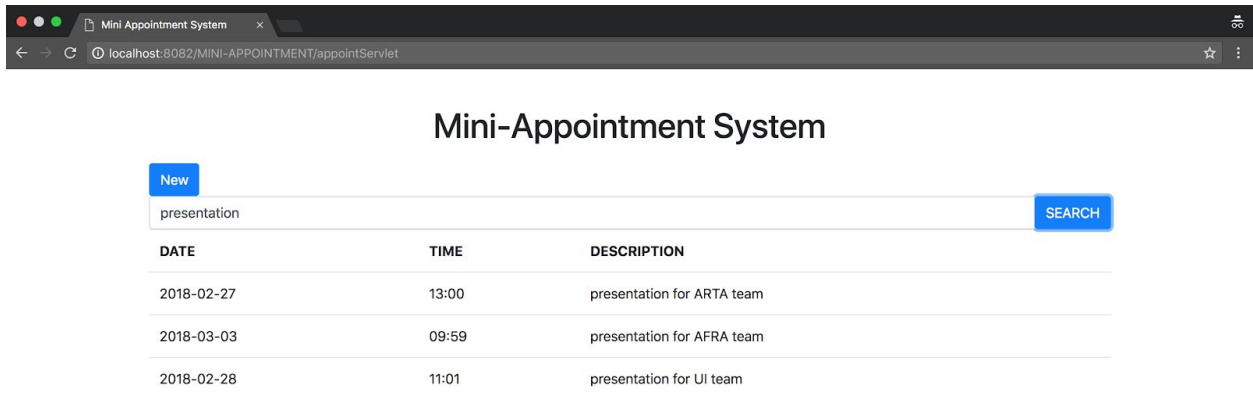
DATE	TIME	DESCRIPTION
2018-02-27	13:00	presentation for ARTA team
2018-03-03	09:59	presentation for AFRA team

After adding appointments:

The screenshot shows the 'Mini-Appointment System' web application after adding a new appointment. At the top, there is a 'New' button. Below it is a search bar with the placeholder 'Enter search text from the description!' and a 'SEARCH' button. The table now displays five appointments:

DATE	TIME	DESCRIPTION
2018-02-27	13:00	presentation for ARTA team
2018-03-03	09:59	presentation for AFRA team
2018-02-28	11:01	presentation for UI team
2018-03-03	13:59	Interview with alexa
2018-03-02	13:59	technical interview with ATT team

Based on selected search text :



DATE	TIME	DESCRIPTION
2018-02-27	13:00	presentation for ARTA team
2018-03-03	09:59	presentation for AFRA team
2018-02-28	11:01	presentation for UI team

The source code is found in this github account.