**Scheduling Management System (Chrome Extension)**

**Introduction:**

A chrome extension using JavaScript, jQuery, web API, AJAX, Asp.NET , MVC application .net and SQL server management database. Chrome extension will be used to manage meetings between users and notify the time of meeting in calendar events and also will send an email to notify about meeting. Used to manage schedule and meeting online.

**Technologies Used:**

* Visual Studio: To Develop application for API Hits and data fetching from DB.
* Windows OS: Operating System
* Backend Language: ASP.NET
* Frontend Language: HTML, CSS, JAVASCRIPT, JQUERY.AJAX.

**Features:**

* User can sign in via his/her Gmail Account.
* User can set time interval according to his/her availability.
* User can schedule his meeting hour with other users on different time intervals on different dates.
* Notification are sent to relevant email Accounts.
* Schedule Management system has dashboard where user can view their meetings.

**Dependencies:**

* User must sing in with valid Gmail account.
* User must have Wi-Fi / internet to use this extension on google chrome.

**Setup Project Environment:**

* Install visual Studio 2013
* Install SQL Server Management
* Open “Src\_Code/NewWebApiProject/ NewWebApiProject.sln” Project in visual Studio
* Go to Tools => Library Package Manager 🡪 Library package Manager Console ,add web API packages.
* Using Script file Create Database in SQL server 2012 and connect it with your visual studio project
* Add Existing Website in your web API project and choose “Src\_Code/New Extension”
* Open Google Chrome Select Load Unpacked Option from extension then load your extension
* Run your web API project from visual studio
* Use your extension on google chrome.

**Configurations:**

|  |  |  |
| --- | --- | --- |
| Type | Location | Purpose |
| Connection String | Src\_Code\NewWebApiProject\NewWebApiProject\Models\DBManager.cs | To connect data base with project and to perform data manipulation operations. |

**Limitations:**

* Cannot Updates Schedule meetings
* Cannot Cancel a meeting
* Session is not handled yet