



**.Net/ .Net Core Developer Machine Test Task Document**

## **CRUD Web Application**

<b>Application Name</b>	<b>CRUD Application</b>
<b>Front End</b>	Html,css,Bootstrap/Angular
<b>Backend</b>	Asp.Net/MVC/Dot Net Core
<b>Database</b>	Mysql/SQL
<b>Duration</b>	04 to 08 Hours

## **Requirements:**

- On first launch, the web app lets users sign in using database
- After sign in it will goes to dashboard screen (number users count, last 5 records information)
- There menu structure should there for dashboard, user creation, sign-out
- Possible to create user along with username, email id, mobile no., country, image etc..
- Save this along with current date and time in database
- View a list of all users and sort by most recent records
- The app should update in real-time when the data changes on database
- Upload your project to github and share the link

## **Bonus features:**

- Edit an existing users
- Delete users
- Sign-out functionality

## **Notes:**

- Feel free to use dependency injection if required
- User Interface should be professional

- If some requirements appear to be vague or lack sufficient details, make assumptions based on your own judgment.

**The assignment will be evaluated according to the following criteria:**

- The app works and satisfies the requirements outlined above
- General project structure and organization of code
- Separation of concerns between UI, authentication, database code
- Simplicity - we don't require an over-engineered solution
- Naming conventions for variables, functions, and classes