**QUICKKART – THE E-COMMERCE APPLICATION**

**TASK: 1**

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**-: Quickkart** is an *E-Commerce Web Application*.

Users can buy products and commodities using this web app.

**Business Requirement:**

This web app needs to be fully architected in Azure Cloud.

**Technology Stack:**

**Front-End:** Angular 13

**Backend**: Dotnet core 3.1

**DB**: Azure SQL Server.

**Blob Store**: Azure Storage Account.

**TASK-1:**

**Agenda:**

* Set up the Local environment
* Create SQL Database and Server
* Execute the Scripts
* Test the code locally first.
* Deploy it to Azure Paas Services.

**1.** Download **Visual Studio Community 2022** & install it with Azure **Development SDK** and **.Net core 3.1**

**2**. Download **VS Code** from [Download Visual Studio Code - Mac, Linux, Windows](https://code.visualstudio.com/download)

**3**. install Git from [Git - Downloads (git-scm.com)](https://git-scm.com/downloads)

Check the version by **git -v**

**4.** Install **Node.js** from [Download | Node.js (nodejs.org)](https://nodejs.org/en/download/) and **angular CLI** by the below command

**npm install -g @angular/cli@13.3**

**5.** Check if the version is installed by **ng v**

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**6**. Go to the directory where you have cloned the front-end.

**Clone URL:** <https://siddharthdwivedi318@dev.azure.com/siddharthdwivedi318/Experiential%20Learning/_git/Quick-Cart-FrontEnd>

and Execute the npm install command.

This will create the **Node\_Modules**.

**7**. Start the application by **ng s -o**

**8**. Clone the **backend Project**

**Clone URL**: <https://siddharthdwivedi318@dev.azure.com/siddharthdwivedi318/Experiential%20Learning/_git/Quick-Cart-Backend>

**9**. Create a new **DB** and **Server**.

Download the DB Scripts from the below link and Execute it in

<https://quickcartstorage.blob.core.windows.net/data/QuickKart-DB.sql>

**10**. Change the connection string in the backend.

**11**. Run the Application locally and Test.

**12**. Deploy the front-end to Azure Static web App and Backend to Azure Web App.