**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
* Test the code locally first.
* Deploy it to Azure Paas Services.

1. Download **Visual Studio Community 2022** & install it with Azure **Development SDK** **(**[Download Visual Studio Tools - Install Free for Windows, Mac, Linux (microsoft.com)](https://visualstudio.microsoft.com/downloads/) **)**
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 Git Bash
5. Clone the backend Project in your local system through either VS code or Git bash

Backend Clone URL: <https://CTJGP-B35@dev.azure.com/CTJGP-B35/Batch35%20-%20Komal/_git/QuickCart%20Backend>

1. Clone the frontend code in your local system through either VS code or Git bash

Frontend Clone URL: <https://CTJGP-B35@dev.azure.com/CTJGP-B35/Batch35%20-%20Komal/_git/Quick-Cart-FrontEnd>

1. 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@13.3.9**

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

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1. Go to the folder where you have cloned the backend -> QuickKartWebService and start the backend application
2. Use the provided URL to access the browser
3. Go to the directory where you have cloned the front-end and execute the **npm install** command. This will create the **Node\_Modules**.
4. Start the front-end application by **ng s -o**
5. Run the Application locally and Test.

**Bonus Task:** Deploy the front-end to Azure Static web App and Backend to Azure App Service