**Video Chat Application Setup Guide**

**Setup Environment:**

1. Download the application code.
2. Install latest node js.

Download Link: <https://nodejs.org/en/download/>

1. Open the Windows Command Prompt, PowerShell or a similar command line tool (for mac use Terminal)
2. Run command   
   **“npm install -g @angular/cli”**
3. Navigate to source code directory

e.g. code is downloaded in d: drive of windows and use below mention command for navigate

**cd D:\”code-directory”**

1. Run command   
   **“npm install”**this will install required packages it will take few minutes depends on network speed.

**How to run the video chat app:**

1. Open the Windows Command Prompt, Powershell or a similar command line tool for mac use terminal.
2. Navigate to source code director

e.g. code is downloaded in d: drive of windows and use below mention command for navigate

cd D:\code-directory

1. Run command   
   **“ng serve”**   
   This will start a local server.
2. Now open chrome/Firefox browser and enter url <http://localhost:4200/>

**Description of feature implementation and API usage:**

**Application purpose:** User can do group video chat to other users who are present in the Meeting room and see the participant list.

**API used:**

* **CreateVidyoConnector()**
* **Connect()**
* **RegisterParticipantEventListener()**
* **RegisterLocalCameraEventListener()**
* **RegisterLocalMicrophoneEventListener()**
* **RegisterLocalSpeakerEventListener()**
* **SetCameraPrivacy()**
* **SetMicrophonePrivacy()**
* **ShowViewAt()**
* **Disconnect()**

**Prerequisite before using the Video Chat application**

* Internet should be working.
* Websocket exception should be available.
* Vidyo IO api permission required through firewall.