

## E-Bidding Project Setup Instructions

**Step 1:** Visit [Node.js Official Website](https://nodejs.org/) and download node.js

**Step 2:** Create a local folder for the project named on your laptop/PC.

**Step 3:** Launch Visual Studio Code (VS Code) and open the folder.

**Step 4:** Open the terminal in VS Code and run the following command to initialize a Git repository:

```
git init
```

**Step 5:** Connect your local repository to the remote repository by running:

```
git remote add origin
```

```
https://github.com/aprajita0/E-bidding_322Project.git
```

**Step 6:** Retrieve the project files from the remote repository by running:

```
git pull origin main
```

**Step 7:** Change into the server directory by executing:

```
cd server
```

**Step 8:** In the **server** folder, add the env file

**Step 9:** Locate the **package.json** file in the **server** directory and install the required dependencies with the following command:

```
bash
```

```
npm install cors dotenv express mongoose nodemon
```

**Step 10:** Finally, run the server using:

```
npm run dev
```

## Expected Outcome

```
Server is running on port 4000
Connected to MongoDB
```

After running the above command, you should see a message indicating that the server is running which ensures that any API endpoints can now be tested.

Example Setup in VSCODE:

```
● user_admin@IMEDIA56564 CSC322_EBIDDING % git init
  Initialized empty Git repository in /Users/user_admin/Desktop/CSC322_EBIDDING/.git/
● user_admin@IMEDIA56564 CSC322_EBIDDING % git remote add origin https://github.com/aprajita0/E-bidding_322Project.git
● user_admin@IMEDIA56564 CSC322_EBIDDING % git pull origin main
  remote: Enumerating objects: 64, done.
  remote: Counting objects: 100% (64/64), done.
  remote: Compressing objects: 100% (46/46), done.
  remote: Total 64 (delta 23), reused 29 (delta 11), pack-reused 0 (from 0)
  Unpacking objects: 100% (64/64), 166.60 KiB | 2.03 MiB/s, done.
  From https://github.com/aprajita0/E-bidding_322Project
   * branch          main      -> FETCH_HEAD
   * [new branch]     main      -> origin/main
● user_admin@IMEDIA56564 CSC322_EBIDDING % cd server
● user_admin@IMEDIA56564 server % npm i cors dotenv express mongoose nodemon

added 118 packages, and audited 119 packages in 1s

19 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
○ user_admin@IMEDIA56564 server % npm run dev
> server@1.0.0 dev
> nodemon server.js

[nodemon] 3.1.7
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node server.js`
Server is running on port 4000
Connected to MongoDB
```