

BSc (Hons) in Information Technology

Specializing in Software Engineering

Year 3 - 2021

SE3040 – Application Frameworks

Group Project

User Guide

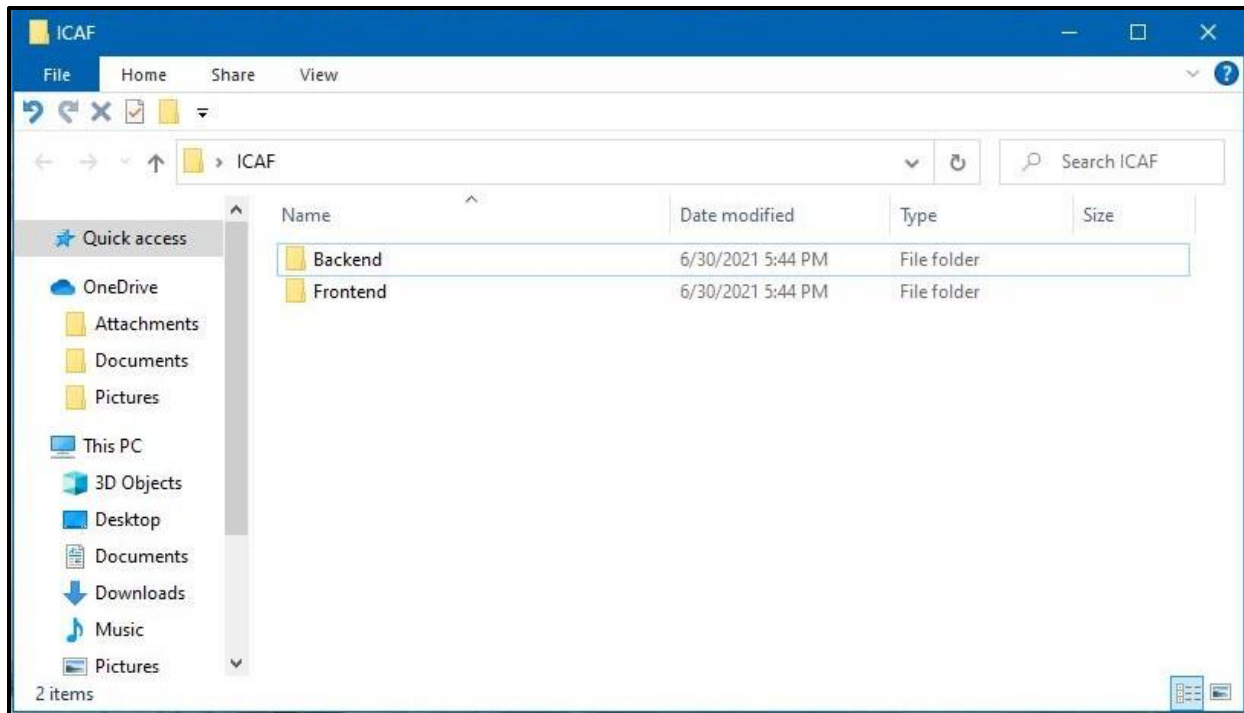
2021S1_REG_WE_15

Conference Management Tool

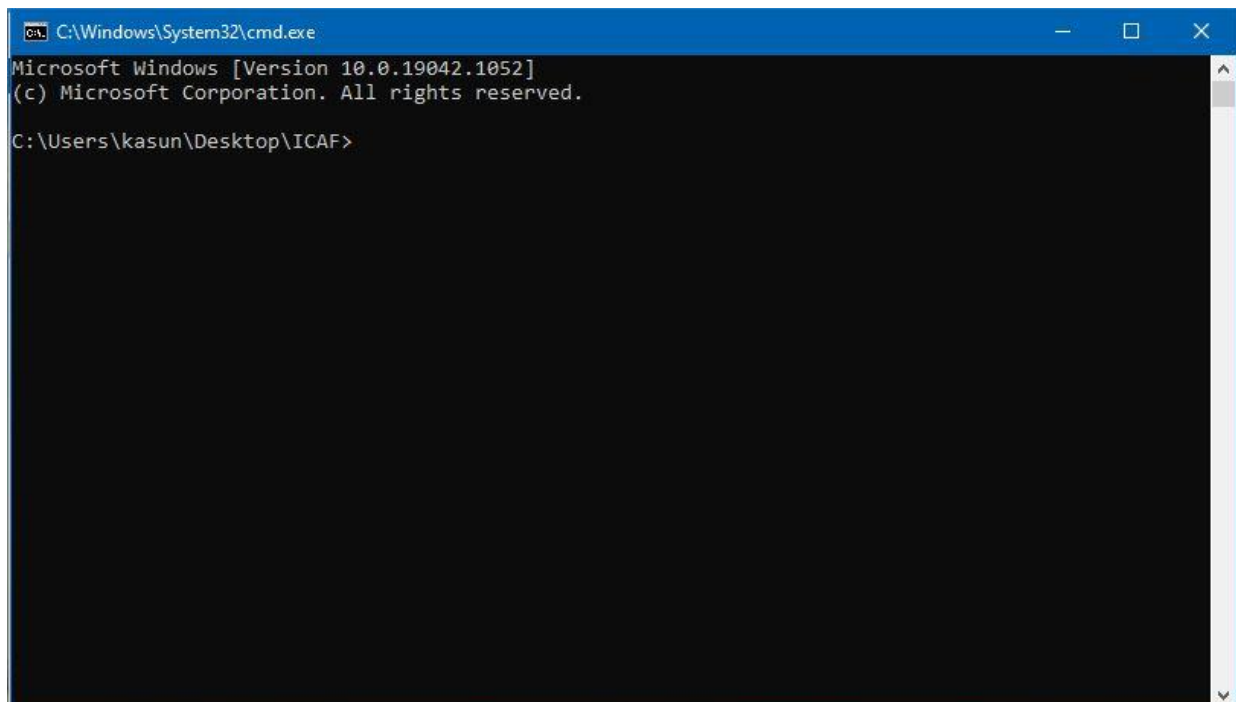
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IT19145280	H.P.C.S.Wickramarathna
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Repository Link: https://github.com/Nimesha-Gunarathne/2021S1_REG_WE_15_AF_GrpProject

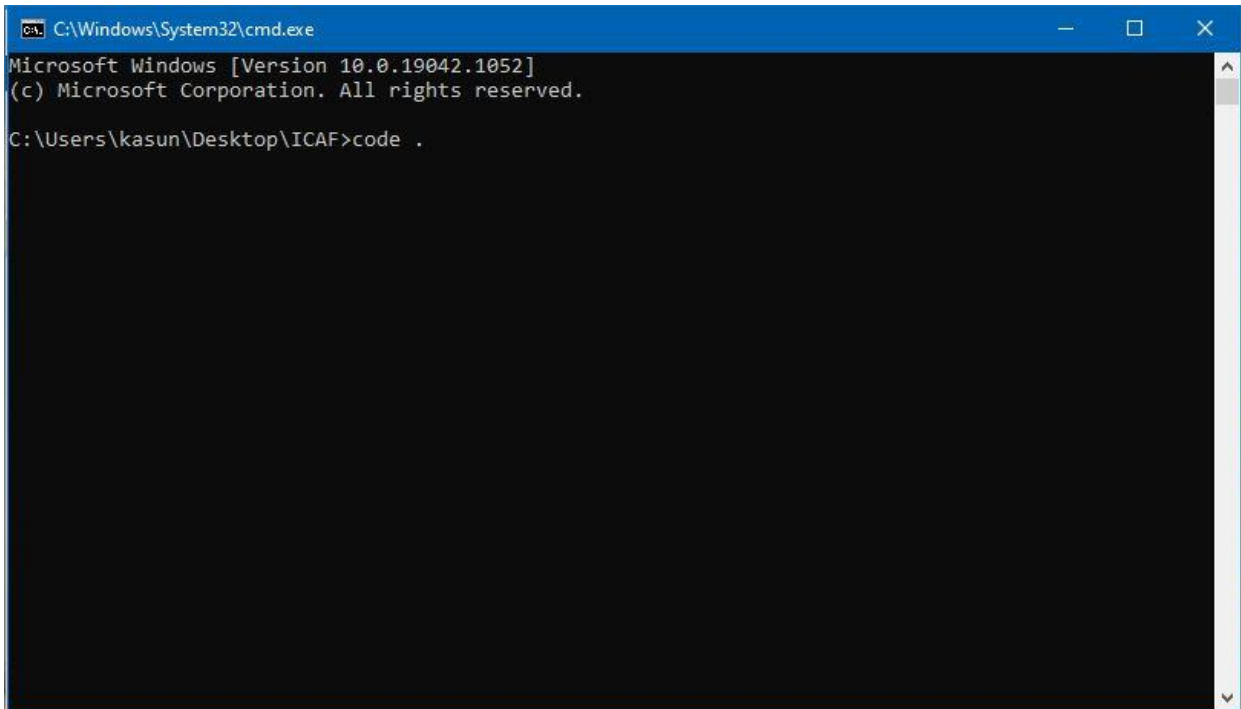
1.Download the Project folder and Unzip it.



2.Then Open project in command prompt.

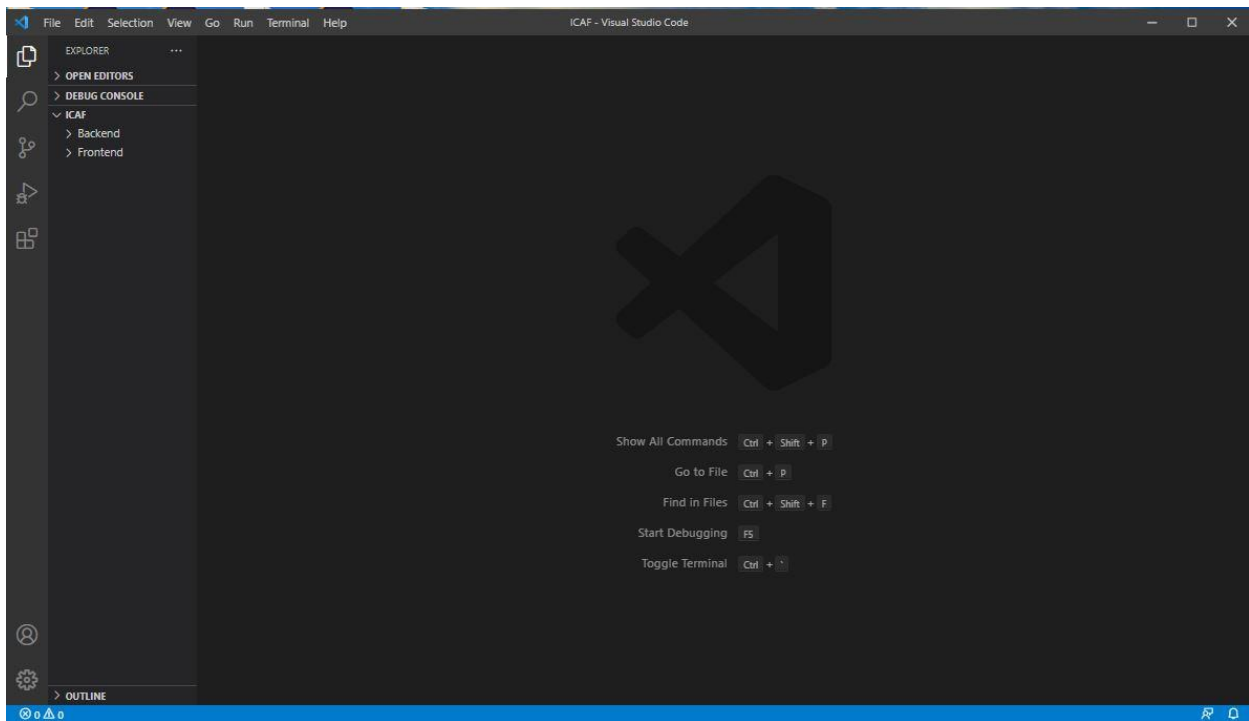


3. Open project into Visual Studio Code.

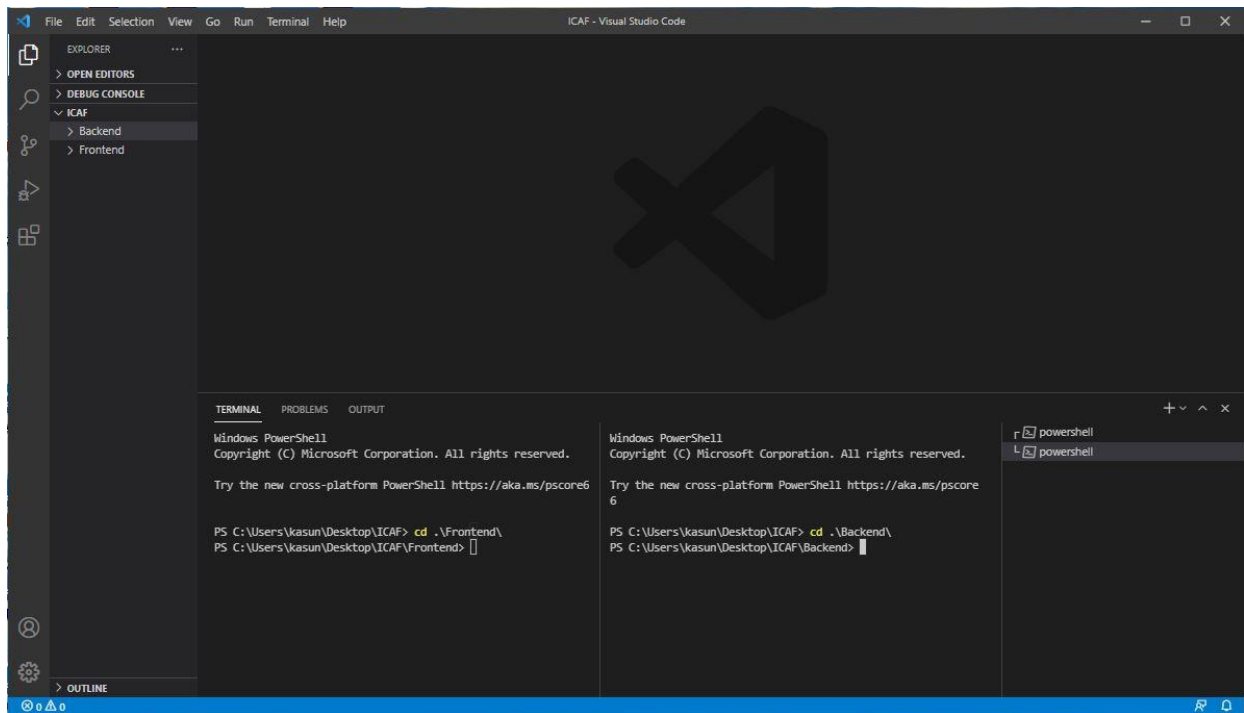


```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19042.1052]
(c) Microsoft Corporation. All rights reserved.

C:\Users\kasun\Desktop\ICAF>code .
```

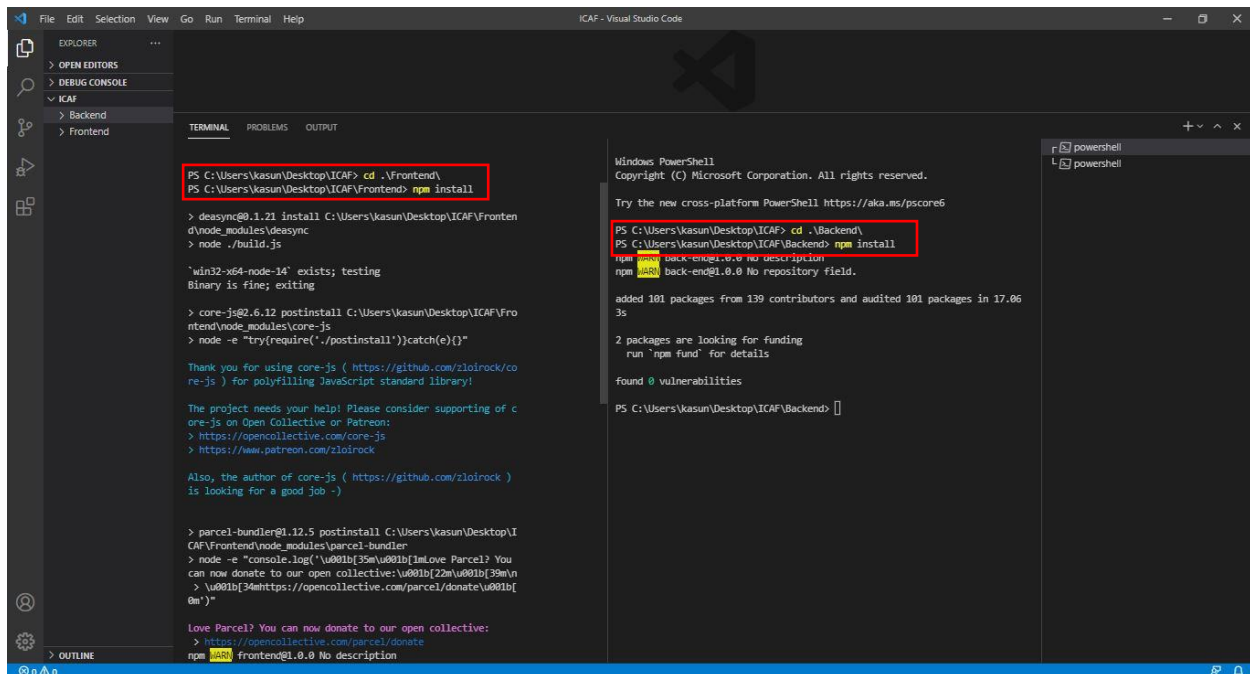


4. After that open two Terminals and direct to the backend and front end separately.

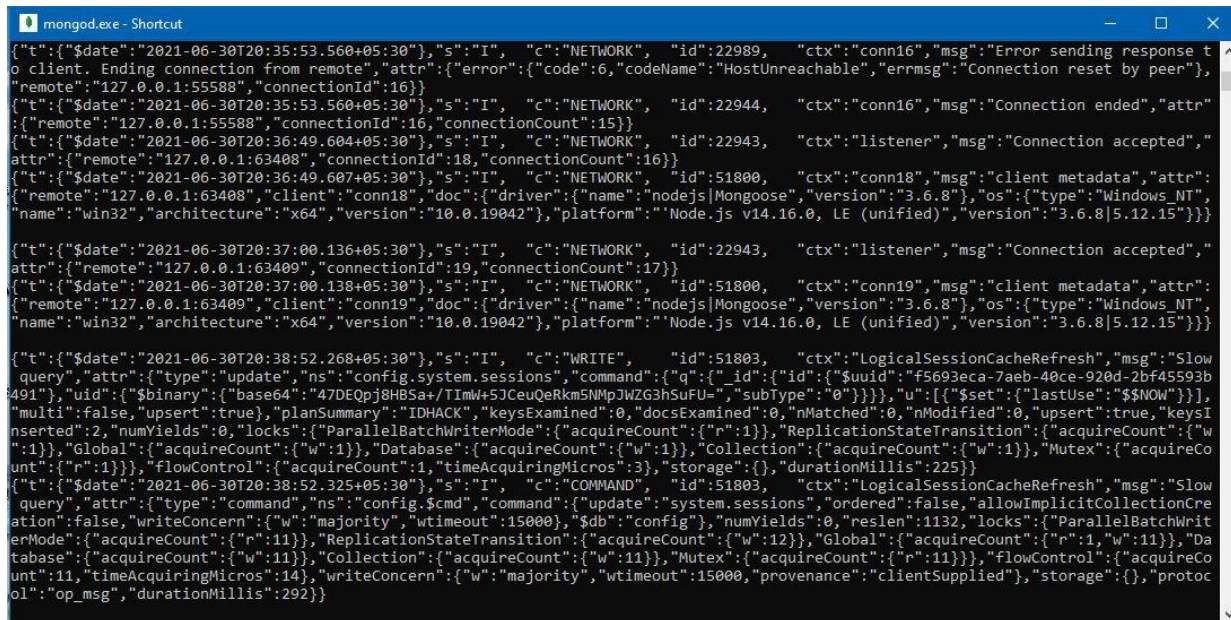


5. As a next step run **npm install** command in both frontend and backend terminals.

Reason for **npm install** (in a package directory, no arguments): Install the dependencies in the local node_modules folder. In global mode (ie, with -g or --global appended to the command), it installs the current package context (ie, the current working directory) as a global package.

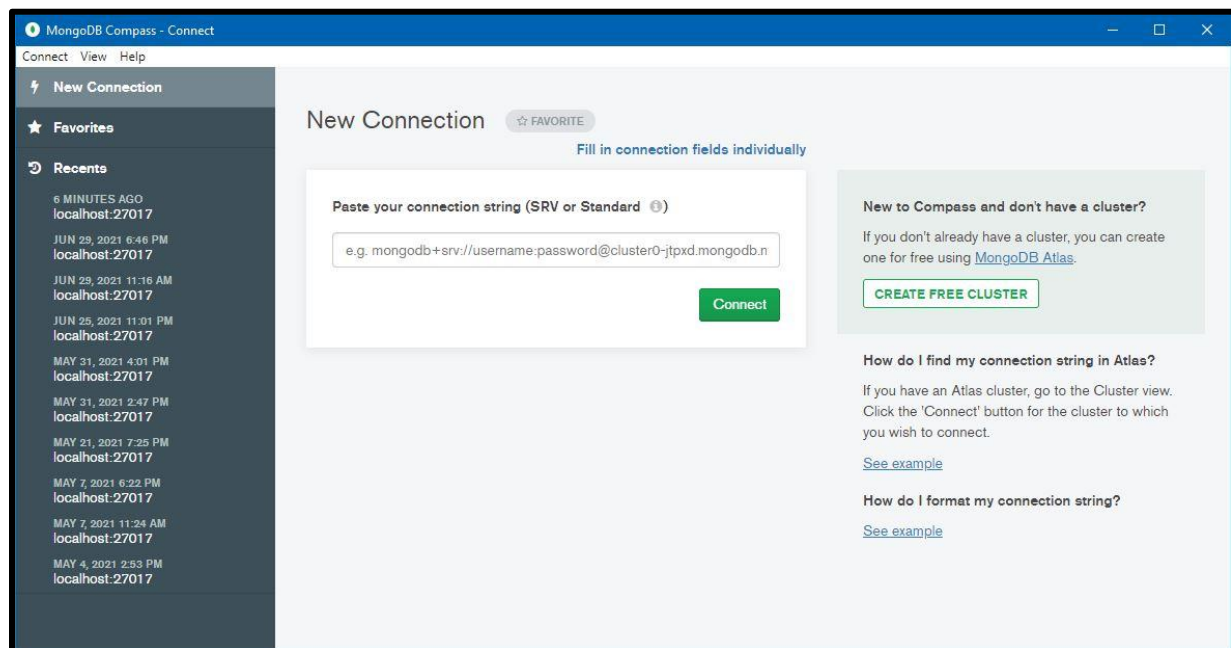


6. Before running the backend and the frontend, the mongod.exe file should be executed. (So, that the MongoDB application will up and running)



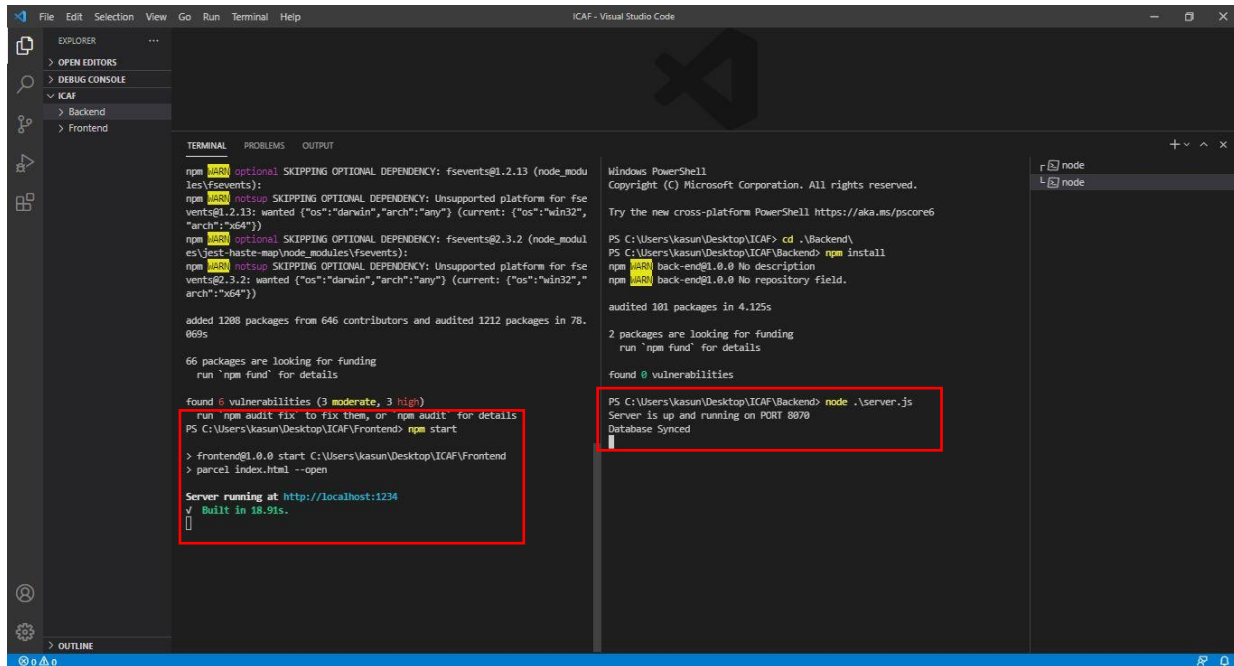
```
{ "t": { "$date": "2021-06-30T20:35:53.560+05:30" }, "s": "I", "c": "NETWORK", "id": 22989, "ctx": "conn16", "msg": "Error sending response to client. Ending connection from remote", "attr": { "error": { "code": 6, "codeName": "HostUnreachable", "errmsg": "Connection reset by peer" }, "remote": "127.0.0.1:55588", "connectionId": 16 } }, { "t": { "$date": "2021-06-30T20:35:53.560+05:30" }, "s": "I", "c": "NETWORK", "id": 22944, "ctx": "conn16", "msg": "Connection ended", "attr": { "remote": "127.0.0.1:55588", "connectionId": 16, "connectionCount": 15 } }, { "t": { "$date": "2021-06-30T20:36:49.604+05:30" }, "s": "I", "c": "NETWORK", "id": 22943, "ctx": "listener", "msg": "Connection accepted", "attr": { "remote": "127.0.0.1:63408", "connectionId": 18, "connectionCount": 16 } }, { "t": { "$date": "2021-06-30T20:36:49.607+05:30" }, "s": "I", "c": "NETWORK", "id": 51800, "ctx": "conn18", "msg": "client metadata", "attr": { "remote": "127.0.0.1:63408", "client": "conn18", "doc": { "driver": { "name": "nodejs|Mongoose", "version": "3.6.8", "os": { "type": "Windows_NT", "name": "win32", "architecture": "x64", "version": "10.0.19042", "platform": "Node.js v14.16.0, LE (unified)", "version": "3.6.8|5.12.15" } } } } }, { "t": { "$date": "2021-06-30T20:37:00.136+05:30" }, "s": "I", "c": "NETWORK", "id": 22943, "ctx": "listener", "msg": "Connection accepted", "attr": { "remote": "127.0.0.1:63409", "connectionId": 19, "connectionCount": 17 } }, { "t": { "$date": "2021-06-30T20:37:00.138+05:30" }, "s": "I", "c": "NETWORK", "id": 51800, "ctx": "conn19", "msg": "client metadata", "attr": { "remote": "127.0.0.1:63409", "client": "conn19", "doc": { "driver": { "name": "nodejs|Mongoose", "version": "3.6.8", "os": { "type": "Windows_NT", "name": "win32", "architecture": "x64", "version": "10.0.19042", "platform": "Node.js v14.16.0, LE (unified)", "version": "3.6.8|5.12.15" } } } } }, { "t": { "$date": "2021-06-30T20:38:52.268+05:30" }, "s": "I", "c": "WRITE", "id": 51803, "ctx": "LogicalSessionCacheRefresh", "msg": "Slow query", "attr": { "type": "update", "ns": "config.system.sessions", "command": { "q": { "_id": { "$uid": "f5693eca-7aeb-40ce-920d-2bf45593b491" }, "uid": { "$binary": { "base64": "47DEQpj8HBSa+/TImW+5JCeuQeRkmSNMpJWZG3hSuFU=", "subType": "0" } }, "u": { "$set": { "lastUse": "$NOW" } }, "multi": false, "upsert": true, "planSummary": "IDHACK", "keysExamined": 0, "docsExamined": 0, "nMatched": 0, "nModified": 0, "upsert": true, "keysInserted": 2, "numYields": 0, "locks": { "ParallelBatchWriterMode": { "acquireCount": { "r": 1 }, "ReplicationStateTransition": { "acquireCount": { "w": 1 }, "Global": { "acquireCount": { "w": 1 }, "Database": { "acquireCount": { "w": 1 }, "Collection": { "acquireCount": { "w": 1 }, "Mutex": { "acquireCount": { "r": 1 }, "flowControl": { "acquireCount": 1, "timeAcquiringMicros": 3, "storage": { }, "durationMillis": 225 } } } } } }, "writeConcern": { "w": "majority", "wtimeout": 15000, "$db": "config", "numYields": 0, "reslen": 1132, "locks": { "ParallelBatchWriterMode": { "acquireCount": { "r": 1 }, "ReplicationStateTransition": { "acquireCount": { "w": 12 }, "Global": { "acquireCount": { "r": 1, "w": 11 }, "Database": { "acquireCount": { "w": 11 }, "Collection": { "acquireCount": { "w": 11 }, "Mutex": { "acquireCount": { "r": 11 }, "flowControl": { "acquireCount": 11, "timeAcquiringMicros": 14, "writeConcern": { "w": "majority", "wtimeout": 15000, "provenance": "clientSupplied", "storage": { }, "protocol": "op_msg", "durationMillis": 292 } } } } } } } } }
```

Then click “Connect” in MongoDB Compass.



7. To up and run the backend project, run **node .\server.js** (If the **package.json** file includes **"start"** : **"node server.js"** command inside the script, then run **npm start** command in the backend terminal.)

To execute the frontend, run **npm start** command.



```
File Edit Selection View Go Run Terminal Help
ICAF - Visual Studio Code

EXPLORER
> OPEN EDITORS
> DEBUG CONSOLE
ICAF
  Backend
  Frontend

TERMINAL
PROBLEMS OUTPUT

npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\jest\fsEvents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\jest-haste-map\node_modules\fsEvents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

added 1288 packages from 646 contributors and audited 1212 packages in 78.069s

66 packages are looking for funding
run 'npm fund' for details

found 6 vulnerabilities (3 moderate, 3 high)
run 'npm audit fix' to fix them, or 'npm audit' for details
PS C:\Users\kasun\Desktop\ICAF\Frontend> npm start

> frontend@1.0.0 start C:\Users\kasun\Desktop\ICAF\Frontend
> parcel index.html --open

Server running at http://localhost:1234
✓ Built in 18.91s.

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\kasun\Desktop\ICAF> cd .\Backend\
PS C:\Users\kasun\Desktop\ICAF\Backend> npm install
npm WARN back-end@1.0.0 No description
npm WARN back-end@1.0.0 No repository field.

audited 181 packages in 4.125s

2 packages are looking for funding
run 'npm fund' for details

found 0 vulnerabilities

PS C:\Users\kasun\Desktop\ICAF\Backend> node .\server.js
Server is up and running on PORT 8070
Database Synced
```