**ZipCo Code Challenge**

The project is intended to serve the requirement of ZipCo coding challenge as shared.

**Tech Stack of the Project**

The project is divided into two parts:

* Web-API: A web API project is built on .Net Core (v2.2) platform.
* Database: A SQL server (image used: mcr.microsoft.com/mssql/server:2017-latest-ubuntu)
* Containerization: Docker Image file for API, and Docker-Compose for standing SQL Server and API containers together.

To run the application, run the following

docker-compose up

**End Points of the API**

[HttpGet] http://localhost:8080/api/zippay/{id} /\*get the user with id\*/

[HttpGet] http://localhost:8080/api/zippay /\*gets all the users\*/

[HttpPost] http://localhost:8080/api/zippay /\*pass the json object to add as a User. See sample below\*/

[HttpGet] http://localhost:8080/api/zippay/accounts/ /\*gets all the user accounts\*/

[HttpPost] http://localhost:8080/api/zippay/accounts/ /\*Creates a new user account when email address posted as string.\*/

**Sample JSON responses:**

For creating a new user, post this sample response object:

{

"name": "Vaibhav Kumar",

"emailAddress": "vaibhav@gmail.com",

"monthlySalary": 100000.00,

"monthlyExpense": 5000.00

}

Pull requests are welcome. For major changes, please feel free to reach out to me.