**Sit764**

**API document**

Technology used – React native, node Js

Database - Postgre SQL

Package to be installed – Express, bycrypt, JWT,

Command to install the dependencies using the npm:

“npm install express pg bcryptjs jsonwebtoken dotenv express-validator”

**Step 1- To set the table for users in Postgres SQL**

Sample code to create table structure:

-- Create a users table

CREATE TABLE users (

id SERIAL PRIMARY KEY,

username VARCHAR(50) NOT NULL,

email VARCHAR(100) NOT NULL UNIQUE,

password VARCHAR(200) NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

**Step2 – Connect to database:**

DATABASE\_URL=postgres://youruser:yourpassword@localhost:1234/xxyy

**Step3- Create API endpoints:**

**Login page endpoint**

app.post('/api/auth/login', async (req, res) =>

{ const { email, password } = req.body;

**Signup page endpoint**

app.post('/api/auth/signup', async (req, res) =>

{ const { username, email, password } = req.body;

**Step4 – Modify the frontend file:**

Modify the web pages to fetch the data from the user and pass it to API.

**Assign URL for login and signup:**

const url = isLogin ? 'http://localhost:5000/api/auth/login' : 'http://localhost:5000/api/auth/signup';

**Fetch the data to pass it to API**

const response = await fetch(url, {

method: 'POST',

headers: {

'Content-Type': 'application/json',

},

body: body,

});