**CYF Hackathon Technical Note - 0001**

To help keep the server code more organised, I proposed using separate files to group all the API routes for each screen being serviced, as this will make it easier to associate API calls to screens. I have started implementing this:

Berhane is working on the student profile screen, so I have created an API route file called **studentprofile.js** which will live in the folder **routes**.

In **studentprofile.js** I have added the following code:

const studentProfile = express.Router();

I then add the API routes that the client can request, for example this get route:

studentProfile.get(“/students/student”){

// logic to support thee /students/student route request…..

}

The last line of the studentprofile.js file will typically be:

module.exports = studentProfile;

To enable the above API service you will need to add the following lines to the server.js file:

const studentProfile = require(“./routes/studentprofile”);

app.use(StudentProfile);

The files structure will look like this:

Server ----|

| routes---|

| studentprofile.js ←---- API routes file

|

|- server.js ←--------------------- main server file

An example of the above can be found in our Debug Me If You Can repository.