**ITE5315 Project-Phase 1 Report**

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| Group Info | Enter your Group no: 9 |
| Enter your group members name: Shrey Shah & Raghav Bedi |

# **How did you divide the work?** (Provide detailed information on the task-assigning to each member)

Shrey:

* Completed Step 1: Loading "Sample Restaurant Data" in MongoDB Atlas.
* Worked on the setup of Express, CORS, and Mongoose.
* Implemented the initial MongoDB connection and setup for the Restaurant module.
* Developed functionalities for initializing the module and handling CRUD operations (db.initialize, db.addNewRestaurant, db.getAllRestaurants, etc.).
* Basically Step 2 and Step 3

Raghav:

* Assisted in setting up Git repository and managing the version control.
* Researched and explored security measures for securing the application, focusing on environment variable usage for connection strings and potential security threats.
* Collaborated on the research and planning for implementing security features using encryption, JWT, and user authorization
* Basically Step 4,5,6 and Bonus task

# **Progress Made till Phase 1** (Provide detailed information on the progress that you made so far in the project, Evaluate your team progress on Phase 1 and mark your team out of 10)

* Completed Steps 1 and 2 and do started research on step 4 according to project specifications.
* The team has successfully loaded the sample restaurant data into MongoDB Atlas.
* Basic CRUD functionalities for the Restaurant module have been implemented.
* Overall progress: 8/10

# **Difficulties Encountered in Reporting Week** (Provide detailed information on the difficulties and challenges that you encountered in the project so far)

* Challenges in handling environment variables securely within the codebase.
* Ensuring robust security measures without compromising ease of use for developers.

# **Tasks to Be Completed in Next Week** (Outline the tasks to be completed in the following week and how do you divide the work)

Shrey:

* Complete the integration of security measures using environment variables.
* Implement user authentication using JWT and encryption for sensitive data.

Raghav:

* Continue exploring and finalize the implementation of security features.
* Collaborate on implementing user authentication and access control.

Additional Steps (Step 3-6)

Step 3: UI/Form Integration (Next Phase ) 🡪 Shrey

Step 4: Security Feature Implementation (Work in Progress) 🡪 Raghav

Step 5: New Functionality/Feature (Pending) 🡪 Raghav

Step 6: Deployment to Cyclic (Pending) 🡪 Raghav

Bonus Task : 🡪 Raghav