CST2550 Project Management – Miracle

# 1. Team Overview

Our project team for CST2550 was structured into 5 roles:  
- Team Leader (SCRUM Master): Jebinaxar Michael   
- Secretary: Mohamed esokni  
- Developer 1: Shivam Patel  
- Developer 2: Faizan Khan  
- Tester: Shivansh Chabba  
  
The Team Leader coordinated tasks, managed deadlines, and oversaw the overall project timeline.  
The team leader and the Secretary implemented core functionality, the Secretary kept meeting logs and assisted with documentation, and the Team Leader focused on test coverage and bug reports, but was unable to produce a full testing report or in Simple Terms Testing is not complete yet!

# 2. Task Breakdown and Sprint Plan

The project was divided into 3 sprints over the course of the module:  
  
Sprint 1 (Week 1):  
- Requirement discussion and role assignment  
- Designed class structure and planned data flow  
- Set up GitHub repository  
  
Sprint 2 (Week 2):  
- Developer gave me a wrong file, without understanding the concept  
- Team Leader monitored progress and supported troubleshooting  
  
Sprint 3 (Week 3):  
- Team Leader made different plans multiple time, in order to finish the coursework in time  
- Team members gathered for trying to start-up again

# 3. Meeting Logs / Daily Standups

• 01 April – Initial kickoff and task delegation  
• 05 April – Database structure review and SQL setup  
• 09 April – Code merge checkpoint and test plan review  
• 13 April –video demo coordination, Final review of report and project management file

# 4. Tools and Platforms Used

- Visual Studio 2022 Community Edition  
- GitHub for version control  
- SQL Server Management Studio (SSMS)  
- MSTest for unit testing  
- Microsoft Word and PowerPoint for documentation and planning

# 5. Challenges and Solutions

- SQL Connection Error: Faced a trust certificate error during DB connection.

- Time Constraints: One team member who was the Secretaryand who was assigned to record important steps, left the group without even informing and that affected and dragged the team all the way back. Team was informed about this one week before the presentation date.  
- Data Persistence: Since external storage was not allowed, we implemented dummy data with runtime updates in memory.

-Irresponsible behavior of the team members affected the team by all the terms! Even at the last day of the submission , no replies and no pinges from any team members about the project!  
- Team leader made 90% of the work and he informed about this to the lecturer as well.

# 6. Reflections and Improvements

Our teamwork was very poor at making progress. From Team leaders view, I acknowledge that nobody wanted to learn about git, Vs code or anything. Even after making screen records for helping them, making documentation from their behalf, nobody wanted to learn. Secretary Contributed Some parts of the code and its metioned in the Code.