

Group Number: Group 2

Team Members: Shalini Dutta, Dhwanil Panchani, Atharva Konge, Zeel Patel, Bodhireddy Kiran Reddy

Topic: Space-Exploration Management System

GitHub Link: <https://github.com/ShaliniDutta1801/CosmoPlan-DMDD/tree/main>

What's Included:

| Object Type                        | Quantity or Yes/No | Comments  |
|------------------------------------|--------------------|---|
| Tables                             | 20                 | DDL_and_Constraints.sql and InsertStatements.sql            |
| Views                              | 3                  | Views.sql   |
| Table Level Check Constraint       | 31                 | DDL_and_Constraints.sql                                     |
| Computed Column based on UDF       | 3                  | UDF.sql   |
| Non-Clustered Indexes              | 7                  | Non_clustered_index.sql                                     |
| Stored Procedures                  | 6                  | Store_Procedures.sql  |
| User Defined Functions (UDF)       | 5                  | UDF.sql   |
| DML Triggers                       | 4                  | Triggers.sql  |
| Column Data Encryption             | 2                  | DataEncryption.sql  |
| BI Data Visualization              | Yes                | PowerBI_Visualization.pdf<br>PowerBI.pbit                   |
| GUI for CRUD Operations (optional) | Yes                | CosmoPlan.zip   |
| Updated Logical ERD                | Yes                | P4-LogicalModelUpdated.png<br>P4-LogicalModelUpdated.drawio |