

A Short Presentation on

Metro System Database Project

Mini Project

Database Management System Lab.

MANIT, Bhopal (India)

Outline

- About Project
- About team*
- Requirements Specifications
- Designing
- Documentation
- Work output

About Project

- “Metro System Database Project”
 - Front end (HTML, CSS, JS)
 - Taken a template for basic interface.
 - Back end (PHP, SQL)
 - PHP for data communication between client and server.
 - Database (Using MySQL Command Line Client)
 - Named “metro”
 - Relations (Users, Reservations, Payments, Stations, Trains, Employees, Departments)

About team

- About the team
 - Ankit Chouhan (Scholar no. 161112051)
Student at MANIT, Bhopal (India)
 - Jishan Shaikh (Scholar no. 161112013)
Student at MANIT, Bhopal (India)

Requirements Specification

- Functional Requirements
 - User/Employee data items storage/retrieval
 - Signing up (storing in database)
 - Login (using password)
 - Bookings (Reservation) and Cancellations
 - Proper User Interfaces
 - For SignUp, Login, Enquiry, FrontPage, Cancellation, etc.
 - Using SQL, PHP as major programming languages.

Designing

- Designing diagrams for modelling:
 - Entity-Relationship Diagram
 - Data Flow diagrams (For Users and Customers)
 - Architectural diagram (For Database interactions)
 - UML diagrams
 - Use-Case diagram
 - Sequence diagram

Documentations

- Documentation having following elements:
 - Formal introduction to the project title
 - Project report (summary)
 - Implementational screenshots
 - Conclusions and Improvements
 - Design diagrams (UML, Architectural, DFDs, etc.)
 - Literature Survey (Databases and SQL)
 - References and Bibliography (For each element)
 - Appendices and Critics

Work Output

- Work Output having following elements:
 - Documentation | Project Report
 - See complete document [Project_report_final_format.pdf](#)
 - User Interface (linked Webpages)
 - See all starting at [front.html](#)
 - Working database named “Metro” in MySQL Command line Client

Thank you !

We'll appreciate your feedback.

(Github @AnkitJishan/metro-system-database-project)