

Introduction-Documentation

Purpose

The purpose of this "documentation" folder is to give the user a detailed description of our project in different aspects, including the underlying design of our project, the functionality provided by our project, the *application programming interface (API)* provided by the project, and the overall strategy for how the project will be tested. Also, we generated and located the Javadoc of the program under this folder, you may find them in a directory named "doc", the user can read it offline and start from index.html.

Structure

The structure of this folder is quite clear with four pdf files and one directory:

- Project functionality.pdf
- Project Design.pdf
- Project API.pdf
- Test Plan.pdf
- /doc (with all the Javadoc of the program)

Detailed Description

Project functionality.

This documentation provides a complete description of the functionality provided by our project. This documentation will also include any assumptions that were made that impact the functionality of the project.

Project design.

This documentation provides a complete description of the underlying design of the project. This includes the data model, the tables and constraints, and any stored functions that are not part of the external API.

Project API.

This documentation describes stored procedures and functions that are part of the *application programming interface (API)* provided by the project for database applications to call. The documentation will include a short description of the stored procedure or function, its parameters, and any errors that are generated.

Test plan.

This documentation describes the overall strategy for how the project will be tested. It will describe the major categories of tests that will be performed and include any notes about test conditions required.