MEDI-GO

Your on-the-go health analyser

THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY
(Deemed to be University)

Architectural Style

Submitted by:

Jaskirat Singh 101917040

Alwinder Singh 101917042

Shivam Arora 101917079

Shivam Mittal 101917030

BE Second Year (CSE)

Submitted to:

Dr Ashima Singh

Assistant Professor, CSED

Architectural Style

The architectural style chosen by our team for the project 'Medi-Go' is **Three Tier Architecture**. Following is the explanation of the architecture:

Three-tier architecture is organizing the software into three logical and physical computing tiers:

1) The Presentation Tier, or User Interface;
2) The Application Tier, where data is processed;
3) The Data Tier, where the data associated with the application is stored and managed.

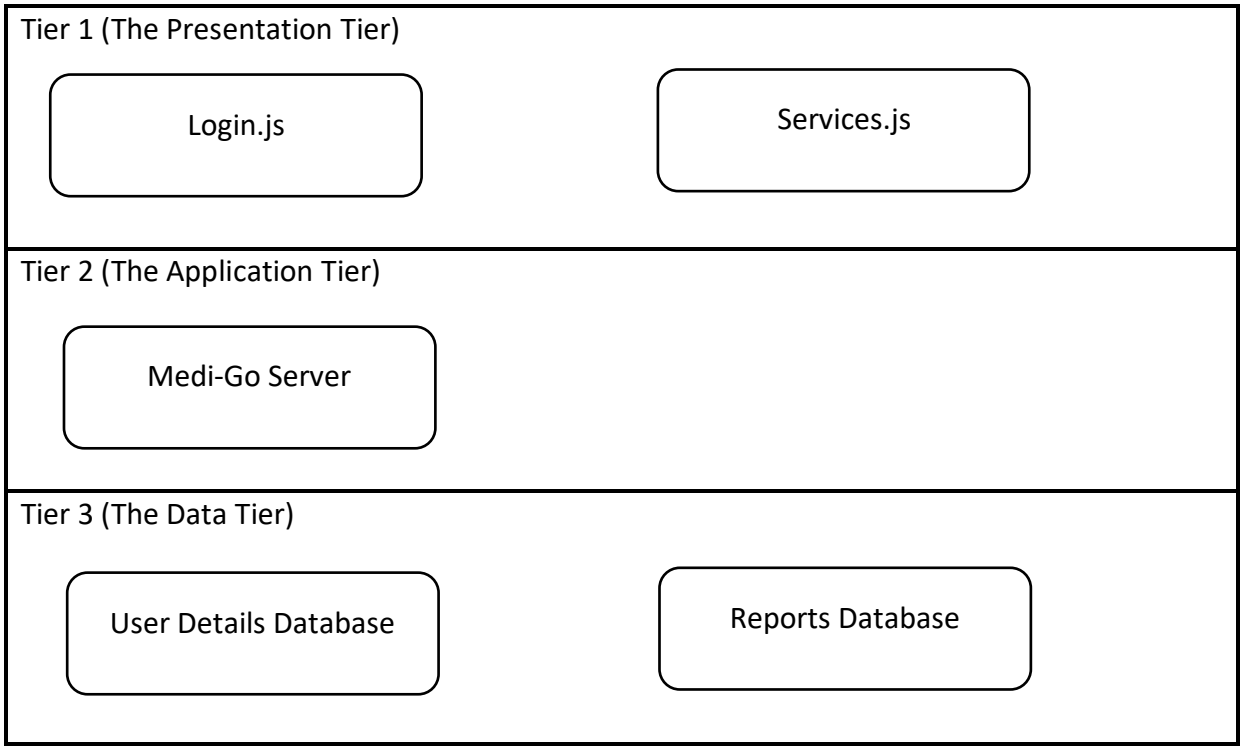
The explanation of each tier is as follows:

1) The Presentation Tier: The presentation tier is the user interface and communication layer of the application, where the end user interacts with the application. Its main purpose is to display information to and collect information from the user.
   In our project, the webpages that collect the login information for authentication purposes and displays the services and allows user to select the service required by them are part of the Presentation Layer.

2) The Application Tier: Also known as the Logic tier or Middle tier, it is the heart of the application. In this tier, information collected in the presentation tier is processed - sometimes against other information in the data tier - using business logic, a specific set of business rules. The whole 'Medi Go' server that is responsible for authentication purposes as well as providing different services is the Application Tier.

3) The Data Tier: Sometimes called Database Tier, Data Access Tier or Back-End, it is where the information processed by the application is stored and managed. The database. The databases used in our project, namely the User Details Database and the Reports Database are part of this tier

Following is a basic representation of various tiers:



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