Selected architecture pattern and reasoning - Discover Brisbane
Group no. 101

Three-tier software architecture pattern was selected for the *Discover Brisbane* website. This client/server architecture pattern is divided into several tiers, therefore decreasing the complexity of the system. It enables us to implement and modify components from different tiers, without changing the application as a whole. This allows us to work with a scalable and flexible system. It is especially helpful when a team of developers are working on different parts of the website, allowing the website to remain functional when different parts are being updated.

The first tier of the architecture pattern is the Presentation layer which, in the form of HTML/CSS, we use to send information to browsers. The Application layer (second tier) uses the Amazon Web Server (AWS) to process implementation logic via the application server, Django. MySQL is the database platform used to provide the information for the Application layer.

https://www.izenda.com/blog/5-benefits-3-tier-architecture/
https://www.techopedia.com/definition/24306/three-tier-application