Application Development Stages

Phase 1 - Gathering Information

This stage, the stage of discovering and researching, determines how the subsequent steps will look like. The most important task at this point was to get a clear understanding of your future web-application purposes, the main goals we wished to get.

Phase 2 - Conceptualize

At this phase, knowing what the final product should look like, our main goal was to design our application. The best way to do that was by using diagrams such as: Use Case, Architecture, Class and Control Flow Diagram. These diagrams ensured us that all the team members are sharing the same perspective about the structure of the application we needed to develop.

Phase 3 - Development /Coding

During the development stage, the team leader assigned to every member a list of tasks followed by a crucial deadline which ensured us the most optimal way to reach the target product, providing the time each member estimated to be needed for each task to be done plus an extra time for solving an eventual bug/error that could’ve appeared, just to make sure that the deadline scheduling won’t be delayed.

Phase 4 - Validate

At this point, once all the features were implemented a member was charged to validate all the functionalities.

Phase 5 - Testing

Testing is probably the most routine part of the process. Every single function/method should be tested to make sure that there are no broken ones among them.

Phase 6 – Front-End Development

Once the back-end part was done, fully functional, validated and tested the front-end part remained the final and only part separating us from the final product and it was assigned to a group of team members to be done.