Software Engineering Project

Institute Alumni Website
Design Artifacts

By

Group 11
Darshan Tejani Rasikbhai
Deeksha Thadi
Kartikeya Umesh Upasani
Vikas Raunak

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The 'Design Artifacts' folder contains various UML diagrams that document the product design.

The various UML diagrams made are:

1.1 <u>Structure Diagrams:</u> These diagrams show the different Objects in the system along with their relation to each-other.

1.2 <u>Class Diagram:</u> This diagram, made for the entire system, shows the various classes (in Object Oriented Model), their attributes and operations and relation to each other.

1.3 <u>Component Diagram:</u> This diagram, made for the entire system displays the structural relations between the components of the system, the various interfaces with which they communicate with each other, which in turn are linked by connectors.

2.1 <u>Behavioral Diagrams:</u> These diagrams show how objects interact with each other and how they behave individually to create a functioning system.

2.2 <u>Sequence Diagrams:</u> This diagram shows, for an object or a group of objects, how they interact with each other and the order in which those interactions occur.

2.3 <u>State Chart Diagrams:</u> These diagram shows the different states each component of the system.

2.4 <u>Activity Diagram:</u> This diagram essentially displays the work flow of the various components of the system.