**Project Design Phase-I**

**Solution Architecture**

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| Date | 26 October 2023 |
| Team ID | 592015 |
| Project Name | Eye disease detection using deep learning |
| Maximum Marks | 4 Marks |

**Solution Architecture:**

Our solution architecture for 'Eye Disease Detection using Deep Learning' is a comprehensive framework that encompasses data collection, model development, real-time processing, and user interface integration. We've emphasized the development of a custom deep learning model, taking advantage of transfer learning for efficiency. Scalability is a core consideration, with a focus on real-time processing and cost-effective scaling. Privacy and security measures ensure data protection, while seamless integration with healthcare systems enhances interoperability. Our commitment to user-friendliness, model interpretability, and regular updates guarantees a user-centric, evolving system. This architecture forms the backbone of our project, ensuring accurate, accessible, and secure eye disease detection."

       ● Data Gathering

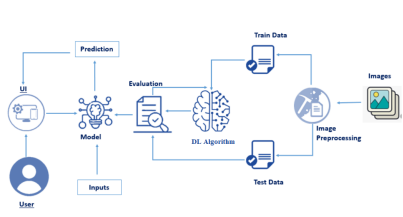
● Image Preprocessing

● Model Building

● Eye disease prediction

● Real Time Analysis

**Solution Architecture Diagram**

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