**Requirement Gathering and Analysis Phase**

**Technology Stack (Architecture & Stack)**

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| --- | --- |
| Date | 3-7-2024 |
| Team ID | SWTID1719999205 |
| Project Name | Darshan Ease: Your Effortless Path to Divine Sight |
| Maximum Marks | 3 Marks |

**Table-1 : Components & Technologies:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Component** | **Description** | **Technology** |
|  | User Interface | How user interacts with application | HTML, CSS, React Js, Bootstrap, Tailwind |
|  | Application Logic-1 | Logic for a process in the application | Express,Nodejs,Javascript |
|  | Application Logic-2 | Logic for a process in the application | Express,Nodejs,Javascript |
|  | Application Logic-3 | Logic for a process in the application | Express,Nodejs,Javascript |
|  | Database | Data Type, Configurations etc. | Mongodb |
|  | File Storage | File storage requirements | Local Filesystem, Github |
|  | External API-1 | Purpose of External API used in the application | Google translate API |

**Table-2: Application Characteristics:**

| **S.No** | **Characteristics** | **Description** | **Technology** |
| --- | --- | --- | --- |
|  | Open-Source Frameworks | List the open-source frameworks used | Bootstrap, Tailwind |
|  | Security Implementations | List all the security / access controls implemented, use of firewalls etc. | CORS |
|  | Scalable Architecture | Justify the scalability of architecture | Micro Services |
|  | Availability | Justify the availability of application | Backup Using Google Cloud |
|  | Performance | Design consideration for the performance of the application |  Database optimization: Indexing, query optimization using MongoDB.   Server-side rendering: express js for React or Vue respectively. |