# Project Design Phase-II

**Solution Requirements (Functional & Non- functional)**

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| **DATE** | 17 SEPTEMBER 2022 |
| **TEAM LEADER NAME** | REEBA SURENDRAN |
| **TEAM MEMBERS** | NIVETHA SRI K S  SNOWLINE BOMITA R  PRIYA G |
| **PROJECT NAME** | PROJECT – SMART SOLUTION FOR RAILWAYS |
| **MAXIMUM MARKS** | 2 MARKS |

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| --- | --- |
| **DATE** | 18 October 2022 |
| **PROJECT NAME** | Project - Smart Solutions for Railways |
| **MAXIMUM MARKS** | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form |
| FR-2 | User Confirmation | Confirmation via Email Confirmation  via OTP |
| FR-3 | User QR code generation | QR code is generated |
| FR-4 | GPS tracker | Location is tracked |

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Users can navigate easily |
| NFR-2 | **Security** | The details are secured in the database |
| NFR-3 | **Reliability** | Reliable to the users without any failure as it is not fixed to limited number of users |
| NFR-4 | **Performance** | User-friendly |
| NFR-5 | **Availability** | Available any time at the time of ease |
| NFR-6 | **Scalability** | Support the users with their needs in reserving ticket and tracking the location. |