Project Design Phase-II Requirements Analysis (Functional & Non-

functional)

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| Date | 14 October 2022 |
| Team ID | PNT2022TMID41962 |
| Project Name | Project – Smart solution for railways |

# 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 Website Registration through Form |
| FR-2 | User Confirmation | Confirmation via -Email OTP |
| FR-3 | QR Code | Sending QR Code via mail |
| FR-4 | Verification | Ticket Scanner on each coach |

# 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** | Easy to understand and use  Sending notification when train arrived |
| NFR-2 | **Security** | To provide more security and use flexibly |
| NFR-3 | **Reliability** | No one can misuse this application |
| NFR-4 | **Performance** | To give better perform |
| NFR-5 | **Availability** | User friendly |