**Functional Requirements**

|  |  |
| --- | --- |
| **Requirement**  **ID** | **Description of the Requirement** |
| **FR1** | Administrator (e.g. Secretary of Justice) shall be able to add or remove  Governor or Chief Jailer. |
| **FR2** | Governor shall be able to add or remove prisoners. |
| **FR3** | Governor shall be able to add or remove personnel  (Jailers, Cooks, Health Personnel). |
| **FR4** | Chief Jailer shall be able to manage visitors. |
| **FR5** | Chief Jailer shall be able to manage jailers (Work Deportments, Shift Hours). |
| **FR6** | Jailers shall be able to update prisoner census data. |
| **FR7** | Jailers shall be able to declare state of alert. |
| **FR8** | Healthcare Personnel shall be able to manage and update prisoners health status. |
| **FR9** | All Users shall be able to login successfully and safely. |

**Non-Functional Requirements**

|  |  |
| --- | --- |
| **Requirement**  **ID** | **Description of the Requirement** |
| **NFR1** | Hardware should be able to run at least Java SE13. |
| **NFR2** | System can operate on any hardware. The seller is not in charge of any leaks in security if customer decides to change their hardware or their operating system. |
| **NFR3** | System should be able to provide information on user’s request in less than 1 second in optimal conditions. |
| **NFR4** | Anyone outside the prison ( such as visitor ) does not have any access to prisoners’ information. Visitors need to be conﬁrmed by prison’s prisoner’s to be able to enter the jail. |
| **NFR5** | Personnel having access to the system (especially administrators) should do the training course provided by our experienced staff. |
| **NFR6** | System should be easy to use and user experience should be simple enough so that even the elderly personnel is able to catch up fast. |
| **NFR7** | Customer buying the system is required to report the maximum capacity of the prison (maximum number of prisoners, staff, administrators of the  system etc.) |
| **NFR8** | For registering someone new into the system they are required to be in possession of an either id card, residential permit or a passport, otherwise they become a temporary prisoner until their identiﬁcation is conﬁrmed. |
| **NFR9** | Reinstalling the system should be done by professionals in case of failure |