**AIONEM.NET**

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**SOFTWARE PROPOSAL**

**Artificial Intelligence base Prison Management System**

Dear group 6!

Thank you for meeting with us to discuss your group’s project requirements. Attached is our detailed project proposal for your consideration and approval.

1. **Hardware and Software Technology Requirements**
2. **Operating System:**

* Windows 10

1. **Programming Language:**

* Python
* Java
* JavaScript
* SQL Database
* HTML
* CSS

1. **Hardware:**

* PC
* 4 GB RAM
* 200 GB HDD

1. **Software:**

* MATLAB
* PyCharm
* VS Code
* Atom

1. **System Design**

Diagram

Description automatically generated

1. **Milestones and Reporting**

|  |  |  |  |
| --- | --- | --- | --- |
| **MILESTONES** | **TASKS** | **DURATION** | **TYPE** |
| 1 | Architecture & Flow Chart design | 1 Days | Medium |
| 2 | Designing Database | 3 Days | Medium |
| 3 | Designing Dashboard | 4 Days | Medium |
| 4 | Integrating Database with Dashboard | 3 Days | Medium |
| 5 | Developing National ID & Faces database | 5 Days | Hard |
| 6 | Developing Face recognition system | 3 Days | Medium |
| 7 | Linking Face recognition with NID Center | 4 Days | Hard |
| 8 | Linking Face verification with Dashboard | 3 Days | Medium |
| 9 | Create different accounts with different privileges (Accountant, Receptionist,) | 2 Days | Simple |
| 10 | Developing data analytic algorithms and Charts, and Diagram | 4 Days | Hard |
| 11 | Creating a screen for displaying data, charts and diagrams to the projector | 2 Days | Simple |
| 12 | Input data and testing all feature | 1 Day | Simple |
| 13 | Multiple training Face Recognition with AI |  |  |
| 14 | Receiving feedbacks and applying them | 5 Days | Medium |
| 15 | Providing explanations & assistance, installations & code reviews to your team | 5 Days | Hard |

1. **Pricing**

* **Total Payment:** 200, 000 RWF
* **Payment Plans:** 2 installments
* **1st 50%**: Paid on acceptance of this proposal and signing of our software development agreement.
* **2nd 50%**: Paid at completion of all Milestones

1. **Terms & Agreement**

We ensure to provide you a full working system and provide any kind of assistance or adjustment once requested. We are open to questions and concerns if you need further assistance. And failure to fulling the agreement from either party might result to contract termination.

We look forward to hearing from you soon!

Approved by

**Alain L. NIYONEMA**



November 1st, 2021

Managing Director

**AIONEM.NET**