Vision Document

**Software Requirement Engineering**

(Unified-UN: Enhancing United Nations Management with Integrated Features)

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# **Vision statement:**

Our vision statement is to revolutionize the United Nations with technology.

# **Document Version**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Description** | **Authors** |
| V1.0 | Oct 1, 2021 | Initial Vision Document | A.M. Minhas  H. Idrees  M.M. Mehdi |
| V2.0 | Sept 1, 2021 | Refined Vision Document | A.M. Minhas  H. Idrees  M.M. Mehdi |

# **Introduction:**

## **2.1 Purpose:**

The purpose of this management system is to develop a system which can be accessed by using a card to collect information and analyze the whole situation through login to the system. Every member of the UN must login to their system to participate in the meetings. That’s why we developed such a system that automatically record the attendance of the participants.

## **2.2 Scope:**

The scope of this system is to develop a system which can be used by only those members of the united nation which has card because without card the member cannot register themselves to the system. This system can be developed by the developer team, and it can only be for the united nation members. This system includes functionality such as digitalizing the attendance of the members, access the information by inserting the card to the system.

## **2.3 Definitions, Acronyms, and Abbreviations:**

UNMS – United Nation Management System.

# **Positioning:**

## **3.1 Business Opportunity:**

Digitalize the whole process into the system is the basic aspect in business opportunity. We should make the system digitalize by swiping the card so that the information on the system can be accessed easily. This can be done the by developer team and then they test the system can run efficiently or effectively. We can also include some functions such as addressing online speech to the assembly by logging into the specific system. This system can be accessed by a card so that the information must remain safe.

## 

## **3.2 Problem Statement:**

|  |  |
| --- | --- |
| Problem | Description |
| The problem of | Accessing and updating information in General Assembly. |
| Affects | •Member Countries.  •Veto Countries. |
| The Result of which | Everything is based on paperwork which consumes a lot of time and effort.  The data is also inconsistent which can be destroyed easily. |
| Benefits of | Everything will be digitalized. It is easy to add and remove an entity. |

## 

## **3.3 Product Position Statement:**

|  |  |
| --- | --- |
| For | Members of the United Nation General Assembly |
| Who | Have difficulty for accessing information and does not have any system for digitalizing the record |
| United Nation  Management System | Is a software application which can be used for keeping the record of the members and the information of different members of united nation |
| That | Provide the ability to communicate with other colleagues and access the information that will be presented inside the united assembly |
| Unlike | The current system is a paper based which can be very difficult for the members to access information and update the record |
| Our Product | Is to convert paperwork into digitalization so that the user can easily access and update the information without any problem |

# **Stakeholder and user description:**

## **4.1 Stakeholder Summary:**

|  |  |  |
| --- | --- | --- |
| Stakeholder | Estimated priority | Assumptions and Risks |
| Owner | 1 | 1. Providing all the resources. 2. Don’t appear to have specific requirement. |
| Sponsor | 3 | 1. Successfully address needs of adjust customer. 2. Provides new market to expand ventures. 3. He has propensity to change mind at any moment. |
| Team Member | 2 | 1. Strike threats supposedly have decreased. 2. Received numerous requests for additional training. |

## **4.2 User Summary:**

|  |  |  |
| --- | --- | --- |
| User | Description | Stakeholder |
| Members | They are the key user of the system | Since the stakeholder is also member, their needs are also taken into consideration. |

# **Summary of Features:**

## **5.1 Database:**

We will make a dedicated database for united nations.

## **5.2 Accounts:**

Accounts will be secured by security passes. Each member country will get a security pass through which they will access their accounts. Only those who have the passes will be allowed to get access of the accounts.

### **5.2.1 Adding new Members:**

It will be easy to add new account/members.

### **5.2.2 Removing a member:**

Removing a member will be easy as you just have to block its security key from the domain.

# **Features for General Assemble and Security Council**

## **5.3 Polling:**

Polling or voting is a very important part of the general assembly. When a poll is to be created by a member, voting feature will be available for each member on its screen. Electoral poling will be a more reliable and efficient way to cast and count votes.

### **5.3.1 Results:**

Instant result is one of the biggest examples of the electronic polling and will save a lot of time.

### **5.3.2 Boycotting**

There will an option provided for boycotting for those who want to boycott.

### **5.3.3 Vote Saved**

Everyone’s selected option will be saved in database for the record. This type of information can be accessed only be the security pass of the respective member.

## **5.4 Network based system**

Each system will be connected to a local network

## **5.5 Start the system**

System will be on standby. Member will access their accounts by swiping their security keys through a swipe scanner.

**5.6 Shutdown the system**  
At the end of the session, system will ask for security key again to sign off of the system.

## **Features of Every system**

**5.7 Take Notes**

**5.8 Screen sharing to projector**

**5.9 Document sharing to other members**

## **Features of Member systems**

**5.10 Requesting Mic**

**5.11 Raising hand**

**5.12 Pointing something on screen**

**5.13 Presenting a new law**

**5.14 Proposing an amendment in the law**

**5.15 Opposing a Law**

## **Gestures**

**5.16 Swipe up from monitor to projector to start projecting**

**5.17 Swipe right for previous slide**

**5.18 Swipe left for next slide**

**5.19 Pinch for Zoom in**

**5.20 Snap and swipe index finger to top right corner to exit screen sharing**

**5.21 Pinch out for Zooming out**

**5.22 Swipe up to scroll down**

**5.23 Swipe down to scroll up**

## **Features for Special systems**

**5.24 Allowing Mic**

**5.25 Disconnecting Mic**

**5.26 Allowing to present**

**5.27 Conducting Poll**

**5.28 Blocking/Restricting Members**

## **For Human Rights and WHO**

**5.29 Connecting to Different NGO’s that are directing under UN**

**5.30 Implementing laws effective and immediately around the world through cutting edge technology**

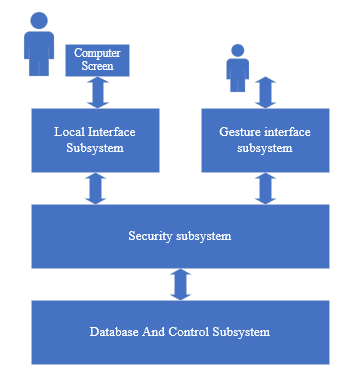
**5.31 Conducting Fund raisers on the website with few clicks for human rights**

**5.32 Keeping a track of funds that are collected**

**5.33 Conducting online Webinars/Seminars**

# **Product Overview:**

## **6.1 Product Perspective:**



## **6.2 Cost and Pricing:**

The cost and pricing of the system will be discussed later because we do not know exactly how many developers we need and how many printers are required. Also, we do not know which function and functionality we added removed.

## **6.3 Licensing and Installation**

A short installation process will be provided with the application or software. Please see the installation process document for more information. The product required professional installation. It must be installed by licensed personnel only. If the installation has some issues then it can affect the development process. So, the installation requirements must be gathered properly.

## **6.4 Dependencies:**

This system is dependent on window and macOS operating system and any other operating system will not be able to run this system. If the required operating system is not available, then the system must be changed according to the requirements.

# **Constraints:**

## **7.1 Security:**

The security for this system includes data privacy, authentication, access control, and data integrity.

Every person of the united nation will be provided by a card which can be used to login to their system to access the required information and analyze the whole information which can be shared inside the general assembly.

If the system of a member goes down then the maintenance team should be able to check the system and find the errors but they will not be able to access the information stored in the system without the card which can be only given to the respective member.

## **7.2 Usability:**

The system should be developed in such a way that it is easy to use and the interface of the system should be organized properly so that the user of the system attracts very easily and cannot have any difficulty for using them.

## **7.3 Reliability:**

The required system should be reliable because this system has some sensitive information. If some information will be lost from the system, then it can cause a huge damage to the world, so the system should be very reliable so that it can generate the information in correct order and cannot lose any sensitive information.

## **7.4 Efficient:**

This system should be made very efficient because the information can be shared or received very often so the system can perform any task in low time and the processing speed of the system will increase and it can also generate low recourses.

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