**Movisions Specialists System**

**Online booking site for specialized treatment**

**Project Scope**

**September 19 2022**

**OVERVIEW**

**1. Project Background and Description**

Movisions specialist system is an online web – based application system that will give patients seeking to get specialized treatment an opportunity to register in the system, log in to the system and book an appointment for the ailment they would seek to get medical attention for. After making a booking for the treatment, a doctor who is specialized for that particular ailment will log in to the system with his own account and see the number of patients who need his services and confirm the date of the those he will be able to attend to, choose a date and the system will send the appointment information to the selected patient in that when he logs in to the system, he will be able to see the detail information of his/her appointment which constitute of:

* The appointment dates.
* Type of specialist doctor.
* Name of the doctor.
* The doctor’s mobile number
* The doctor’s email.
* The doctor’s gender.
* The doctor’s location.

**2. Project Scope**

Movisions Specialists System will be web – based application that will have 3 types of users who are the administrator of the system, the specialist doctor who is willing and ready to offer treatment as a service and a patient seeking to get specialized medical attention.

The three users of the system will be able to register, login and get an appointment for a meeting for the doctor and patient through:

* Smartphones.
* Laptops.
* Desktop computers
* Tables

As long as the above devices have an installed browser.

**Membership Module**

The project Module will include:

* New user’s registration and record keeping (specialist doctors and patients)
* Registered user’s log in.
* User’s details modifications if need arises.

**Specialist Module**

The specialist module will include:

* Registration of doctors.
* Details modification opportunities for doctors if need be.
* Management specialization tab for doctors to add their areas of specialization.
* A record of pending patients who are seeking medical attention.
* A record of appointment history of patients who have been attended to.

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| **#** | **Specialist Operation** | **REQ.** | **Provided** | **ACCESS** |
| 1 | Specialist Registration | Form | Yes | Management |
| 2 | Captures specialist details | NA | NA | Management |
| 3 | Allow specialists to modify details | NA | NA | Management |
| 4 | Specialists add their areas of specialization | NA | NA | Management |
| 5 | Display the number of patients seeking attention | NA | NA | Management |
| 6 | Display a record of patience attended to | NA | NA | Management |
| 7 | Display a record of appointment history | NA | NA | Management |

**Patient Module**

The patient module will include:

* Registration of patients
* Logging in platform for patients.
* Patients details modification slot.
* A module for patients to find a specialist doctor for the ailment he is suffering from.
* The status of the appointment i.e., pending awaiting approval or approved with the approval details.
* Ailment history of the patient

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| **#** | **Patient Operation** | **REQ.** | **Provided** | **ACCESS** |
| 1 | Patient Registration | Form | Yes | Management |
| 2 | Captures patient details | NA | NA | Management |
| 3 | Allow patient to modify details | NA | NA | Management |
| 4 | Find the specialized doctor he is looking for | NA | NA | Management |
| 5 | Display the status of appointment | NA | NA | Management |
| 6 | Display a record of ailment history | NA | NA | Management |

**Administrators’ module**

The administrator’s module will include:

* The 1st administrator will be the primary administrator registered in the system. No other administrator can register him/her self.
* The other administrators will be admitted to the system by the primary administrator.
* The administrators can modify their details if need be.
* The administrators can admit patients and specialist doctors to the application.
* The specialized treatment is only registered in the system by the administrators.

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| **#** | **Administrators Operation** | **REQ.** | **Provided** | **ACCESS** |
| 1 | Administrators Registration | Form | Yes | Management |
| 2 | Admits others administrators to the system. | Form | NA | Management |
| 3 | Allow administrators to modify details | NA | NA | Management |
| 4 | Admits specialist Doctors and patients to the system | Form | NA | Management |
| 5 | Registers specialized ailment | NA | NA | Management |

**Reports**

There are several reports that will be generated from the application.

These reports are:

* Patient details and medical appointment date for the specialist doctors.
* Appointment history for the doctors.
* Approval and medical appointment date for the patient.
* Ailment details for patient.

**3. High- level Requirements**

This system is a web-based application that can be accessed by any device that has a web browser and is connected to the internet. This system will allow the users to access the application without downloading any software.

**4.Deliverables**

* Back-end software hosted in cloud
* UI prototype for administrator, specialist doctor and patients
* Web-based application accessible through a web browser
* User documentation manual

**5. Affected Parties**

* Patients
* Specialist Doctors
* Administrators

**7. Specific Exclusions from scope**

The following will be excluded from the project:

* Any form of payment will not be done through the system.
* Direct communication from the patient to the doctor will not be done through the system.
* Integration with existing system if any.

**8. Implementation Plan**

The project will kick off with the design UI prototype which will be done by a designing tool called figma.

Once the prototype has developed, the target users of the application in this case are the doctors who will be registered in the system will approve the it. In this stage, functionality requirements will be factored in and ensuring that user experience is (UX) is excellent.

Once the UI/UX designer is done, the actual modules of the system will be developed which will begin by the registration module, the login module, followed by the user’s dashboard (admin, doctors and patients) of the system.

**9. High- level timeline/Schedule**

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| --- | --- | --- | --- | --- |
| **#** | **Date** | **Description** | **Dep.** | **Comments** |
| 1 | 21/09/2022-27/09/2022 | UI Prototype/wireframe |  |  |
| 2 | 28/09/2022 – 4/09/2022 | Home & registration, login | #1 |  |
| 3 | 5/10/2022 – 18/10/2022 | Administrators’ module | #2 |  |
| 4 | 19/10/2022 -1/11/2022 | Specialist Doctors module | #3 |  |
| 5 | 2/11/2022 – 16/11/2022 | Patients’ module | #4 |  |
| 6 | 17/11/2022-18/11/2022 | System testing | #5 |  |
| 7 | 18/11/2022-23/11/2022 | Training of users |  |  |

**10. APPROVAL AND AUTHORITY TO PROCEED**

We approve the project as described above, and authorize the team to proceed.

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| **Name** | **Title** | **Signature** | **Date** |
| Felix Otieno Okoth | Mr. |  |  |
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Approved By Date Approved By Date