Online Hospital

Web Application Project

General Features Document

Proprietary and Confidential Information

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Practitioner (Doctor) Features

* Login
  + Forget Password
* Dashboard
  + Total Appointments / Today
  + Open Appointments / Today
  + Closed Appointments / Today
* Profile Management
  + Time slots (Multiple if engages in different clinics/Hospitals)
* Appointments
  + Add new appointment
  + View (Today / All)
    - Prescriptions
    - Lab tests
    - Payments
  + Check-in
  + Update / Decline
  + Live video session with patient
* Manage Patients
  + Add New Patient
    - Past record of patients like prev prescriptions and lab reports
  + Search patient by name, mobile no or MR no
  + History
  + Test Reports
* Manage Payments (Overall)
  + Total/day wise / date wise
* Manage Prescriptions (Overall)
  + List
    - ***Patient Past illness history:***Patient past illness history can be written here.
    - ***Vitals/Assessments:***Patient Vitals/Assessment details can be entered here.
    - ***Clinical Examination:***Details related to clinical examination can be written here.
    - ***Presenting*** *complaints:* Patient all complaints can entered here.
    - ***Diagnosis:***Consultant can enter the diagnosed details here.
    - ***Medications:***Medication details can be filled here.
    - ***Investigations:***Tests details can be entered here (e.g.: Blood CP, X-ray, ECG and so on).
    - ***Allergies:***Allergy details can be entered here (food, environmental and other).
    - ***Family history:***details regarding to family diseases can be selected here (by using the international standard dictionaries).
    - ***Referral:***Consultant can refer to other consultant within that clinic or some external (details can be mentioned here).
    - ***Follow up:***Patient next arrival date can be chosen here.
    - ***Prescription report:***Report can be taken once the required information has filled.

Patient Features

* Register
* Login
  + Forget Password
* Dashboard
  + Available practitioners (Doctors)
* Profile Management
  + Past record of patients like prev prescriptions and lab reports
* Appointments (Physical / Online)
  + View
    - Prescriptions
    - Test Reports
  + Add
  + **Appointment Summary on email and SMS will include Consultant Name, Patient Name, Consultant Specialty, Clinic Name and appointment time.**
* Notifications
  + Next appointment
* Payment (Practitioner / Doctor Fee)
  + Add Payment
    - Via JazzCash / Credit Card
  + List
* Prescriptions (Overall)
  + View
* Test Reports (Overall)
  + Add
  + Delete

**Note:** SMS and Emails are integrated with patient registrations and booking appointments. Patients and consultants will receive SMS and emails.

Admin Features

* Dashboard
  + Total Practitioners (Doctor)
  + Total Patients
* Manage Appointments
  + Add
  + Modify
  + Delete
  + **Appointment Summary on email and SMS will include Consultant Name, Patient Name, Consultant Specialty, Clinic Name and appointment time.**
* Manage Clinics/Hospitals
  + There will be a separate dashboard for clinic to manage permanent doctors and consultants
  + Clinic/Hospital can also manage all available facilities
  + These fields will be added (Clinic Name, Clinic Timing, Clinic Specialty, Consultant Specialty with ICON, Facilities (MRI, CT Scan, ECG, LAB, Pharmacy, and physiologist, OPD, IPD, Emergency, City, Area and Address). Example is given at the end.
* Manage Practitioners (Doctors/consultants)
  + Add
    - Name
    - Email (username)
    - Password
    - Phone
    - Address, city & Country
    - Qualification
    - Speciality
  + Modify
  + Block
  + Time slots
* Manage Payments
* Manage Proficiencies (Doctor’s expertise)
  + Add
  + Delete
* Manage Patients
  + Add New Patient
    - Name
    - Email (username)
    - Password
    - Phone
    - DOB
    - Address, city & Country
  + History
  + Test Reports
  + Prescriptions

Note: All doctors will be displayed Specialties wise so that patient can view complete info about all doctors or can book and appointment with any doctor (like oladoc)

Departments / Specialties

* Gynecologist
* Skin Specialist
* Child Specialist
* Neurologis
* Orthopedic Surgeon
* ENT Specialist
* Gastroentrologist
* Endocrinologist
* ENT Specialist
* General Sugeon
* Heart Spcialist
* Pulmonologist
* Eye Specialist
* Psychiatrist
* Urologist
* Dentist
* Kidney Specialist
* Diabetes specialist
* Pain Management Specialist
* Psychologist
* Oncologist

Agha khan example :

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| **Facilities** |
| Heart, Lungs and Vascular |
| Teeth (Dentistry) and Skin (Dermatology) |
| Mind and Brain (Neurosciences) |
| Kidney and Bladder​ (Urology and Nephrology) |
| Bone and Joints, Musculoskeletal and Sports Medicine (Orthopaedics) |
| Clinical Imaging Services (Radiology) |
| Family Health |
| Women’s Health Care (Obstetrics and Gynaecology)​ |
| Pharmacy |
| Clinical Laboratories |
| Internal Medicine (Internal Medicine, Infectious Diseases, Diabetes & Endocrinology)​ |
| GI (Gastrointestinal Medicine) and Surgery |
| Eye (Ophthalmology), Ear, Nose and Throat (Otorhinolaryngology) Services |
| Children’s Hospital (Paediatrics)​ |
| Oncology​​​ (Cancer Care) |
| 24/7 Emergency and Acute Care |
| Diagnostic Services |
| Physiotherapy, Rehabilitation and Nutrition Services |
| Anaesthesiology, Operating Rooms and CSSD Service Line |