**Title**

Health care – accounting the patients in hospital, doctor’s profiles, assignment receptions, examinations, determining diagnosis and healing, extracting recipes, paying bills, etc.

**General description**

The project is a WEB-service, which gives functionality for automatization of hospital work. By using this service, the patients can register to receptions, examination, etc. in comfortable time for them for avoiding queues and choose doctor if they want. Also they can review their medical history, list of drugs for healing etc. The Medical personal can review their organizer, use flexible tool for documentation the medical history of patient and delegate the process of healing to other doctors.

Structure of hospital: departments, reception and administration.

User groups which will be realized in service define in table 1:

*Table 1. User groups*

|  |  |
| --- | --- |
| 1. Patient – user, who authorize in system as patient. | - Review the own medical history  - Review the future visitations to the doctor.  - Review doctor’s public information.  - Request/Confirm for appointment (choose doctor and time).  - Ability to place the feedback on doctor/department/treatment.  - Paying bills. |
| 1. Unregistered user – user, who doesn’t authorize in system. | - Registration in system as patient  - Review the main information (clinic schedule, doctor availability hours, doctor public info, doctors/clinic ratings and feedbacks). |
| 1. Doctor – user, ho authorize in system as doctor | - Review his schedule.  - Review his load (number of patients per month).  - Confirm/decline (or recommend another doctor) request from receptionist on patient's appointment.  - Set examination to the patient (redirection to other doctors).  - Form the list of meds.  - Define diagnosis.  - Insert the notes into the patient’s medical history.  - Change patient’s status. |
| 1. Head doctor – user, who authorize in system as head doctor. | - Review all of patient’s information.  - Review and edit all of doctor’s information.  - Review doctors' load (number of patients per month)  - Review hospital’s statistic.  - Dismiss the doctor. |
| 1. DepartmentHead – doctor, who contols the department. | - Review/Change the patient’s information of his department.  - Review full doctor’s information of his department.  - Review doctors' load (number of patients per month)  - Change doctor for patient of his department.  - Send dismiss request for the doctor of his department to Head Doctor.  - Review department`s statistic. |
| 1. Administrator – user, who authorize in system as administrator. | - Registration the doctor in system.  - Edit the hospital service’s pricing.  - Review statistic of any department.  - Edit doctor’s information. |
| 1. Receptionist – user, who authorize in system as receptionist. | - Registrate the patient in system.  - Registrate the patient to appointment.  - Confirm/Change request from patient. |