# Clinical Management System

Healthcare management application or healthcare information management system, also called as clinical management system is used by clinicians and doctors to help manage the data in a more user friendly and hassle-free way replacing the manual records with software. Clinical Management System application is developed by using MySql and JDBC. Flicker API has been used and it provides endpoint to display images in the project. The main purpose of this web app is to digitize inner level operations including clerical management and help to maintain database relating to different features of patient and doctor relation. It is aimed to be used by a medium clinic/hospital and can be extended for large hospitals in future.

Features
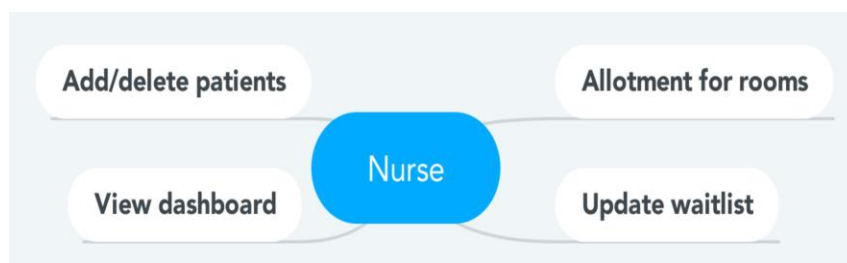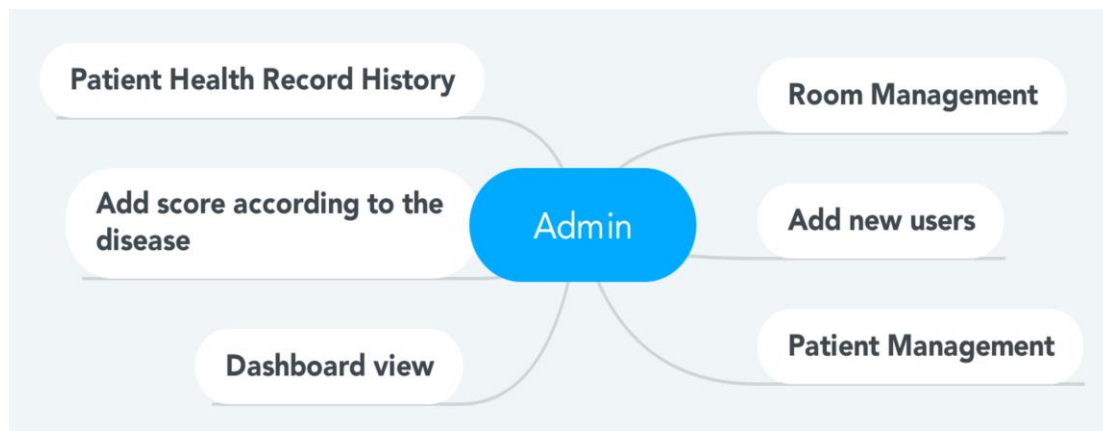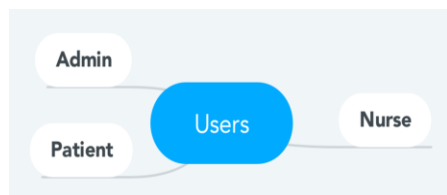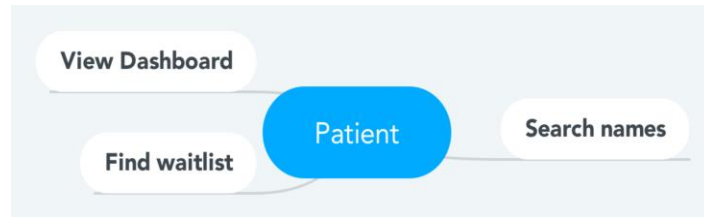
This system consists of three main users called Admin, Nurse and Patient. These users have been allocated different roles and privileges according to the system requirements. Admin can perform all the required changes and additions in the system and has the

right to override decision taken by other users. He/ She has access to the Dashboard, System Settings and Add Patient features.

no.	Patients with rooms	Room	Score		no.	Patients waiting	Score		Free rooms
189	Vin Diesel	1	50		191	Fahad Khan	34		5
7	Ethan Jack	6	34		2	Preethi Anbunathan	22		11
6	Daniel Finn	10	33		3	Isabella Michael	22		18
9	Hannah Mont	9	30		1185	Anbunathan Per	21		22
15	Roopika Ganesh	15	21		34	Chitra Anbunathan	20		56
8	James William	8	20		12	Ramya D	15		1900
4	John Carter	4	19		1	Lily Jacob	10		
13	Raji Venkat	13	11		14	Gayu R	0		
19	Rajiv Raj	19	0						

Dashboard has a view of all patients with their diseases and a feature called score which helps to understand the severity of the disease. It is dynamic in nature, that is all changes are shown dynamically on the dashboard. Other features include search options for every user, color coded score board, waiting list. Under system settings Admin can add/delete diseases with the score, add/delete and update the room allotment and add new users to the system.

Disease names can be added with a simple add button provided and multiple names can be deleted with the help of check box provided in the last column of the feature. Nurse is the second user created by Admin, the privileges used by nurse are Add Patient and Dashboard view as mentioned earlier. Lastly the user Patient has limited

privileges to view the Dashboard only.

The Venn diagram below shows the role distribution between the users (Green- Admin; Blue-Nurse; Red-Patient)