

Capability ID	1
Name	Patient Profile Management
Use Cases #	
Description	This feature will allow the health team member to create new profiles for patients who want to join the clinic, modify profile, delete profile, and search for a patient profile. Patient profile will have the patient's info plus his or her goals and progress in the program. The patient has the option to create, modify and deactivate their profile.
Rationale	This is a basic capability of the system. It's one of the main reasons to replace the current paper-work method.
Source	Dr. Essam Jalal
Fit Criteria	<ol style="list-style-type: none"> 1. From the Patient Profile management page the user can do the following – <ol style="list-style-type: none"> a. Search for a patient using specific known information b. View a patient's profile. c. While viewing the patient's profile, the user can modify information stored. d. On the search page, the user can directly delete the patient profile without viewing it. e. Go to a screen that allows user to add a new patient. f. View a list of patients that have currently no goals in progress. g. Assign goals to a patient.
Dependencies	None
Conflicts	None
Supporting Material	Dr. Essam's document Meeting with Dr. Essam and Dr. Sajjad on 26 th February 2011
History	Dr. Essam proposed this capability in the report that he sent to Dr. Sajjad
Priority	3
Risk	5
Effort	5
Approval	Done

Capability ID	2
Name	Health Team Profile Management
Use Cases #	
Description	This capability allows a doctor to add, view, modify, and delete health team members and doctors from the system.
Rationale	This is a basic capability of the system. It's one of the main reasons to replace the current paper-work method.
Source	Dr. Essam Jalal, Dr. Sajjad, Project team
Fit Criteria	<p>An admin/health team member are allowed do the following -</p> <ul style="list-style-type: none"> a. Search for a health team member using specific known information b. View an admin/health team member's profile. c. While viewing their own or health team member's profile, the admin can modify information stored. d. On the search page, the admin can directly delete a user's profile without viewing it. e. Go to a screen that allows user to add a new health team member. f. View a list of all health team members in the system.
Dependencies	None
Conflicts	None
Supporting Material	Meeting with Dr. Essam and Dr. Sajjad on 26 th February 2011
History	<p>Date: Thursday, March 10, 2011 Version: 1.0 Author: Saeed Al-Tuwaileb</p> <p>Version: 1.1 Author: Shaeq Khan This capability was proposed to Dr. Essam on our second meeting on 7th March 2011 and he approved the idea.</p>
Priority	2
Risk	3
Effort	2
Approval	Done

Capability ID	3
Name	Follow-up
Use Cases #	
Description	The system is expected to send a reminder to the health team and send a notification via email to the patient about a due follow up.
Rationale	Follow-up reminder is an important medium to make sure that the health team keeps a track of the patient's progress and the patient information remains up to date
Source	Dr. Essam Jalal
Fit Criteria	<p>After the patient is added to the system, they can add goal(s) for themselves or the health team set goal(s) for patient.</p> <ol style="list-style-type: none"> After the patient's goal has been set, they can customize their goals to being weekly, fortnight, monthly where they will be required to do this goal for the specified period and then they will enter their scores to evaluate their own progress. Patients can be put into groups and then these groups can be assigned goals generally. These goals assigned can later be customized for patients individually. Each group of patient can have a set follow up date where they will be required to record their progress into the system. Patients that don't fall into any group can be assigned goals individually or they can select goals for themselves. They don't necessarily have to fall into certain groups. Patient accounts have to be approved before they are activated. This can be done from the health team's profile page.
Dependencies	<p>This capability depends on:</p> <ul style="list-style-type: none"> - Patient profile management: to get the patients data. - Goals management: to see whether the patient has chosen a goal or not .
Conflicts	Development team: the development team is required to know how to deal web domain for sending mails.
Supporting Material	<p>Dr. Essam's document</p> <p>Meeting with Dr. Essam and Dr. Sajjad on 26th February 2011</p>
History	Dr. Essam proposed this capability in the report that he sent to Dr. Sajjad
Priority	2
Risk	3
Effort	4
Approval	Done

Capability ID	4
Name	Goals Management
Use Cases #	
Description	This is the most important feature in the System. The health team comes up with new goals after brainstorming sessions with patients. These are then added to the “Bank of Ideas” under specific categories determined by the health team. These goals can be customized according to individual patients by the health team and then assigned. The system will be able to relate these customized goals to patients assigned with them. The health team can remove goals from the “Bank of Ideas” too. The “Bank of Ideas” contains goals that are classified according to their nature [eg. Physical, Dietary etc.] upon their addition to the system.
Rationale	This database created to store goals makes it easier for doctors to view the basic ideas of weight loss opportunities, creates a more flexible and interactive system with respect to information storage.
Source	Idea developed by Dr. Essam Capture by project team during interview with Dr. Essam Idea enhanced by project team Meeting 1 [26 th February 2011] and 2 with Dr. Essam and Dr. Sajjad
Fit Criteria	<ol style="list-style-type: none"> Brainstorming session/ Interactive session with patients to capture basic ideas and goals to promote weight loss The doctor/health team corrects and finalizes the goals captured These goals are then entered into the system by the user and referred to as the “Bank of Ideas” The user can also delete a goal from the “Bank of Ideas” The user can search goals based on certain parameters like most popular, most, successful, most failed etc. The patients choose a goal from the “Bank of Ideas” and customize it with approval from a member of the health team. A goal is added with attributes such as frequency, amount etc. according to the patient. This goal is then assigned to a patient and stored into the patient’s profile. In case the patient decides to discontinue temporarily, their name is added to a list of patients with no current goals or if they choose to leave the program, their profile can be disabled which will disable further notifications for follow ups to the health team members.
Dependencies	Goal Suggestions
Conflicts	None

Supporting Material	Dr. Essam's document Meeting with Dr. Essam and Dr. Sajjad on 26 th February 2011
History	
Priority	5
Risk	4
Effort	5
Approval	Done

Capability ID	5
Name	Goals Suggestions
Use Cases #	none
Description	This feature helps the health team to find appropriate goals for a patient according to his health and personality traits. Also goals that are most popular, most achievable, most successful calculated using a simple algorithm will be showed by the system to assist the health team in making informed and intelligent decisions for individual patients.
Rationale	This feature is what our sponsor majorly looking for. Dr. Essam wants the system to ease the decision making process and generate detailed reports which will be addressed by this capability
Source	Project team
Fit Criteria	<ul style="list-style-type: none"> a. If the health team member feels that the patient has not been up to in achieving his goals then he may ask the patient to repeat the goal with same or lesser frequency or ask the patient to choose a simpler goal. b. If the patient is successful, they will be encouraged to take their performance to the next step otherwise they can choose to take a different goal or the same one again. c. While the patient is being asked to choose a goal, it is difficult for the health team member to instantly come up with the best suggestion to the patient. So the system will provide an interface to the health team member to choose goal suggestions on basis of certain criteria's – <ul style="list-style-type: none"> 1. According to the patient's current health status and diseases associated with the patient. 2. According to the patient's previous success with completing goals. 3. According to the most popular goals amongst patients of the similar age/bmi. 4. According to the most successful goals amongst patients of the similar age/bmi. 5. According to patients personal choice.
Dependencies	Goals Management
Conflicts	None so far
Supporting Material	Interview number 2 with Dr. Essam [recording available]
History	None
Priority	4
Risk	4
Effort	5
Approval	Done

Capability ID	6
Name	Reports Management
Use Cases #	
Description	This capability allows the health team to generate and save records of patients, goals and the health team.
Rationale	To assess the progress of patients and health team members and the success of brainstorming sessions with patients for suggestions of goals.
Source	Dr. Essam Jalal Project Team
Fit Criteria	<p>The user will be able to generate reports as per their own convince based on current data in the system. The system supports generation of 3 kinds of reports –</p> <ul style="list-style-type: none"> a. Patient Report - The health team can generate reports based on the following criteria's - <ul style="list-style-type: none"> 1. Success ratio of patients enrolled in clinic 2. Dropout ratio 3. Patients with high bmi. 4. Patients with other disease [1,2,3,more] 5. Patients more prone to drop out 6. <more report types to decided> b. Goal Report – The health team can generate reports based on the following criteria's - <ul style="list-style-type: none"> 1. Most popular 2. Most successful 3. Most failed 4. Least assigned 5. <more report types to be decided> c. Health Team Report – the admin and health team can generate reports based on the following criteria's – <ul style="list-style-type: none"> 1. Success rate 2. <more report types to be decided>
Dependencies	Patients Management, Health Team Profile Management, Goal Management
Conflicts	None.
Supporting Material	Dr. Essam's document Meeting with Dr. Essam and Dr. Sajjad on 26 th February 2011
History	None
Priority	3
Risk	4
Effort	5

Approval	Done
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