

Name: searching of disease	ID: MBW-1	Priority: High	
Actor: User			
Description: User can access to detailed information about specific chronic disease by entering the name of this disease in search field			
Trigger: The user needs a detailed information about specific chronic disease		Type: External	
Preconditions: <ul style="list-style-type: none">Articles and information about each disease which the user search for is available			
Normal course: <ol style="list-style-type: none">User enters the disease name in search field (alternative course 1.1)The website verifies the disease nameThe website displays the list of articles related to this disease			
Postconditions: <ul style="list-style-type: none">Display a page contains a lot of articles			
Input	Source	Output	Destination
Name of disease	User	List of articles	User

Name: searching of sports activities	ID: MBW-2	Priority: High	
Actor: User			
Description: User can find some information about appropriate sports activities for the specific disease information such videos, guidance for each exercise or activity and images			
Trigger: The user needs some sports activities for specific chronic condition	Type: External		
Preconditions: <ul style="list-style-type: none">Videos and information about each activity which the user search for is available			
Normal course: <ol style="list-style-type: none">Users enter the required chronic disease and any word related to sports like:” exercise”, ” activity”, etc.The website verifies the input data for searchThe website displays the list of videos, images, and guidance			
Postconditions: <ul style="list-style-type: none">Display page of videos, guidance, and images			
Input	Source	Output	Destination
Name of disease + keyword	User	List of videos List of images List of articles	User

Name: Experts login	ID: MBW-3	Priority: High	
Actor: medical expert adds or delete or update the information			
Description:			
Trigger: The medical expert needs to add or delete or update information		Type: External	
Preconditions: <ul style="list-style-type: none">▪ Expert account is existence▪ Active account			
Normal course: <ol style="list-style-type: none">1. The user selected “sports and physical activities section” from navigation bar2. expert is clicked on the “medical expert button”3. the expert is entered his/her data4. website checks the data5. the website store the data in database			
Postconditions: <ul style="list-style-type: none">• The medical expert’s information is stored in website’s database			
Input	Source	Output	Destination
Expert’s username password	Expert	The expert has been authenticated.	Website’s database

Name: Register to the website	ID: MBW-4	Priority: High	
Actor: Users, doctors and nutritionists			
Description: Users, doctors and nutritionists should register to the website			
Trigger: provide a customized service to the various users depending on their roles		Type: External	
Preconditions: <ul style="list-style-type: none">Website is availableEasy language and interactive user interfaceSecured browsing			
Normal course: <ol style="list-style-type: none">User, doctor or nutritionist will visit the websiteUser, doctor or nutritionist will go to sign up pageUser, doctor or nutritionist will fill the required data in the fields			
Postconditions: <ul style="list-style-type: none">The data will be stored in the suitable datastore according to the roleThe welcome page will appear to the user, and it vary depending on its role			
Input	Source	Output	Destination
Data of users	Users Doctors Nutritionists	Welcome page	Datastore

Name: add blogs	ID: MBW-5	Priority: Medium	
Actor: author			
Description: author adds blogs to the website to provide more information			
Trigger: Collaborate with certified nutritionists to provide evidence-based information.		Type: External	
Preconditions: <ul style="list-style-type: none">▪ Author must be authenticated▪ Author must have certificate to be accepted for blogging▪ Author should choose the category of condition			
Normal course: <ol style="list-style-type: none">1. Author should choose specific condition that he wants to add a blog about it using filters that we provide on the website2. Author adds the blog3. The data of the blog is added in the datastore of blogs and these data are date and the data of the author			
Postconditions: <ul style="list-style-type: none">▪ The blog is shown in the blogs section with its data in the right category			
Input	Source	Output	Destination
Category of condition	Nutritionist	Blog data	Datastore of blogs
Blog content			
data of the author	Datastore of author		

Name: submit questions	ID: MBW-6	Priority: Medium	
Actor: Users			
Description: Users submit questions to nutritionist for personalized advice			
Trigger: provide consultation and personalization for users		Type: External	
Preconditions: <ul style="list-style-type: none">User should be logged inUser should be authenticatedUser should choose the category of condition			
Normal course: <ol style="list-style-type: none">User should choose specific condition using filtersUser chooses the doctor that he wants to askThen the information of the doctor has been displayedUser adds his question to the doctorUser submits the question to the doctor			
Postconditions: <ol style="list-style-type: none">Data of the question will be added to the doctor's data in the datastoreDoctor will be notified about the questionThe question will be in the information that has been displayed to other users			
Input	Source	Output	Destination
Specific condition Data of the doctor Question	User	Data of the question	Doctor's datastore

Name: book appointment	ID: MBW-7	Priority: Medium	
Actor: Users			
Description:			
Trigger: find healthcare professionals based on their location, either due to personal preference, convenience, or the desire to seek medical care within a specific geographical area.		Type: External	
Preconditions: <ul style="list-style-type: none">▪ The platform must have access to accurate and up-to-date location data for registered doctors.▪ Doctors must have completed the registration process, providing accurate location information as part of their profiles▪ Users need to be authenticated and logged into the platform to ensure a personalized and secure experience			
Normal course: <ol style="list-style-type: none">1. The user navigates to the search or find doctors section of the platform2. User chooses his location, specialization of doctor and time of availability through filters of the website to narrow down the information be viewed3. The website processes this and retrieves the doctors with specified criteria4. User can choose the doctor and view his information for easy contact5. There is an appointment booking and scheduling			
Postconditions: <ul style="list-style-type: none">▪ Appointment booking confirmation to the chosen doctor▪ After appointment or asking questions there is a feedback and reviews system that added to the profile of the doctor▪ user has successfully identified and connected with a doctor based on their preferred location			
Input	Source	Output	Destination
Location of the user Specialization of the doctor Time of availability	filters	List of doctors	User