

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"><li>Articles and information about each disease which the user search for is available</li></ul>			
Normal course: <ol style="list-style-type: none"><li>User enters the disease name in search field (alternative course 1.3)</li><li>The website verifies the disease name</li><li>The website displays the list of articles related to this disease</li></ol>			
Alternative course: <ol style="list-style-type: none"><li>User is entered the disease name in wrong way<ol style="list-style-type: none"><li>1.2 The website will warn the user to write it in correct way</li></ol></li></ol>			
Postconditions: <ul style="list-style-type: none"><li>Display a page contains a lot of articles</li></ul>			
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"><li>Videos and information about each activity which the user search for is available</li></ul>			
Normal course: <ol style="list-style-type: none"><li>Users enter the required chronic disease and any word related to sports like:" exercise", "activity", etc.</li><li>The website verifies the input data for search</li><li>The website displays the list of videos, images, and guidance</li></ol>			
Alternative course: <ol style="list-style-type: none"><li>User is asked for unknown or wrong name of sports activities for a certain disease<ol style="list-style-type: none"><li>The website will warn the user that the request is ambiguous</li></ol></li></ol>			
Postconditions: <ul style="list-style-type: none"><li>Display page of videos, guidance, and images</li></ul>			
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"><li>▪ Expert account is existence</li><li>▪ Active account</li></ul>			
Normal course: <ol style="list-style-type: none"><li>1. The user selected “sports and physical activities section” from navigation bar</li><li>2. expert is clicked on the “medical expert button”</li><li>3. the expert is entered his/her data</li><li>4. website checks the data</li><li>5. the website store the data in database</li></ol>			
Alternative course: <ol style="list-style-type: none"><li>1. The data of medical expert is wrong or invalid<ol style="list-style-type: none"><li>1.1. The website ask the medical expert to enter a valid data or creating a new account</li><li>1.2. The normal course is repeated again</li></ol></li><li>2. The medical expert forgot the password<ol style="list-style-type: none"><li>2.1. The medical expert is request to create a new password</li><li>2.2. Website sending reset link to user email account</li><li>2.3. Website stores a new data in database</li></ol></li></ol>			
Postconditions: <ul style="list-style-type: none"><li>• The medical expert’s information is stored in website’s database</li></ul>			
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"><li>Website is available</li><li>Easy language and interactive user interface</li><li>Secured browsing</li></ul>			
Normal course: <ol style="list-style-type: none"><li>User, doctor or nutritionist will visit the website</li><li>User, doctor or nutritionist will go to sign up page</li><li>User, doctor or nutritionist will fill the required data in the fields</li></ol>			
Alternative course: <ol style="list-style-type: none"><li>User may add data in fields in an incorrect representation<ol style="list-style-type: none"><li>guide him throw flash messages to add data in the required representation</li></ol></li></ol>			
Postconditions: <ul style="list-style-type: none"><li>The data will be stored in the suitable datastore according to the role</li><li>The welcome page will appear to the user, and it vary depending on its role</li></ul>			
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"><li>▪ Author must be authenticated</li><li>▪ Author must have certificate to be accepted for blogging</li><li>▪ Author should choose the category of condition</li></ul>			
Normal course: <ol style="list-style-type: none"><li>1. Author should choose specific condition that he wants to add a blog about it using filters that we provide on the website</li><li>2. Author adds the blog</li><li>3. The data of the blog is added in the datastore of blogs and these data are date and the data of the author</li></ol>			
Alternative course: <ol style="list-style-type: none"><li>1. The condition that the user need isn't available in filters<ol style="list-style-type: none"><li>1.1 user can write the condition through search field</li></ol></li></ol>			
Postconditions: <ul style="list-style-type: none"><li>▪ The blog is shown in the blogs section with its data in the right category</li></ul>			
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	
<div>Preconditions:</div> <ul style="list-style-type: none"><li>▪ User should be logged in</li><li>▪ User should be authenticated</li><li>▪ User should choose the category of condition</li></ul>			
<div>Normal course:</div> <ol style="list-style-type: none"><li>1. User should choose specific condition using filters</li><li>2. User chooses the doctor that he wants to ask</li><li>3. Then the information of the doctor has been displayed</li><li>4. User adds his question to the doctor</li><li>5. User submits the question to the doctor</li></ol>			
<div>Alternative course:</div> <ol style="list-style-type: none"><li>2. The doctor that the user need isn't available in filters<ol style="list-style-type: none"><li>2.1 user can write the doctor through search field</li></ol></li></ol>			
<div>Postconditions:</div> <ol style="list-style-type: none"><li>1. Data of the question will be added to the doctor's data in the datastore</li><li>2. Doctor will be notified about the question</li><li>3. The question will be in the information that has been displayed to other users</li></ol>			
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"><li>▪ The platform must have access to accurate and up-to-date location data for registered doctors.</li><li>▪ Doctors must have completed the registration process, providing accurate location information as part of their profiles</li><li>▪ Users need to be authenticated and logged into the platform to ensure a personalized and secure experience</li></ul>			
Normal course: <ol style="list-style-type: none"><li>1. The user navigates to the search or find doctors section of the platform</li><li>2. User chooses his location, specialization of doctor and time of availability through filters of the website to narrow down the information be viewed</li><li>3. The website processes this and retrieves the doctors with specified criteria</li><li>4. User can choose the doctor and view his information for easy contact</li><li>5. There is an appointment booking and scheduling</li></ol>			
Postconditions: <ul style="list-style-type: none"><li>▪ Appointment booking confirmation to the chosen doctor</li><li>▪ After appointment or asking questions there is a feedback and reviews system that added to the profile of the doctor</li><li>▪ user has successfully identified and connected with a doctor based on their preferred location</li></ul>			
Input	Source	Output	Destination
Location of the user Specialization of the doctor Time of availability	filters	List of doctors	User