System

Track quit smoking progress is only available for smokers

Lung cancer/ Smoking articles are published by doctors

Create member account

Manage doctor profile

Manage member profile <<extend>> Track quit smoking progress

Interact with lung cancer/ Smoking articles

Create doctor account

Interact with personal stories

Inform users about system status

Regulate articles and personal stories

Personal stories are posted by interested parties

Smoker

Non-Smoker

Interested Parties

Doctor

Admin

Actors:
- Interested Parties
  - Smoker(Primary)
  - Non-smoker(Teacher/Family/Friend)[Secondary]
- Doctor
- Administrator

Use Case:
- Manage Doctor's Account
- Create Doctor Account
- Manage Interested Parties Profile
  - Smoker's Account
    - Track Quit_Smoking Progression
  - Non-Smoker's Account
- Create Interested Parties Account
  - Smoker's Account
  - Non-Smoker's Account
- Interacting with Lung Cancer / Smoking Articles
- Moderating Lung Cancer / Smoking Articles and personal Blog Post
- Interacting with Personal's Blog / Story
- Inform System Status to Users

Use Case name	Create Doctor Account
Use Case Description	Doctor signs up for a doctor account
Actors	Doctor
Pre-Condition	-
Post-Condition	Doctor successfully signs up for a doctor account

Primary Flow	Serial No.	Steps
Actors/Users	1	Doctor selects sign up as doctor
	2	System prompts doctor to enter name, username, email, password and other information
	3	Doctor keys in name, username, email, password and other information
	4	System checks if information entered is valid
	5	System creates a doctor record
	6	System sends an email to doctor to verify email
	7	System displays message to prompt interested party to verify account via email
	8	Doctor verifies the account via email
	9	System updates email verification
	10	Admin verifies Doctor's credentials
	11	System update credentials verification
	12	System sends email to doctor to confirm successful sign up
Alternate Flow	**Serial No.**	**Steps**
AS-Step 4	1	Username keyed in is not unique, system will prompt doctor to enter a new username
	2	System returns to step 2
AS-Step 6	1	Doctor does not verify email, the account cannot be used.
AS-Step 8	1	Doctor's credentials are not valid, system deletes doctor

		record
	2	System sends an email to inform doctor to re-sign up

Use Case name	Manage Doctor Profile
Use Case Description	Doctors must be able to edit their Username and Bio, and view the status of their articles.
Actors	Doctors
Pre-Condition	1. The Doctor must have an existing account in the system. 2. The Doctor must be logged in to the system.
Post-Condition	1. Doctors have edited their own profile or 2. Doctors is able to view comments on their own article

Primary Flow	Serial No.	Steps
Actors/Users	1.	Doctors click on the View Profile button
	2.	System displays the Doctor's profile picture, username, bio, and the articles that the Doctor has published successfully.
	3.	Doctor clicks on the edit profile button.
	4.	System prompts the Doctor if they want to change their profile information.
	5.	If the Doctor does not need to edit their profile, they may view their articles which are published and pending.
	6.	Doctor selects on the Published buton.
	7.	System show a list of published articles and its comments
	8.	Selects on the Pending button.
	9.	System shows Create New button, a list of pending articles with its status.
	10.	Doctor selects on the Create New button.
	11.	System prompts the Doctor to enter a title, message and tags.
	12.	Doctor key in Title, message and relevant tags.

	13.	Doctor Click on the Post button.
	14.	Articles will be displayed in the Pending Articles list in the doctor's profile page.
	15.	System will go back to the View Profile page.
Alternate Flow	**Serial No.**	**Steps**
AS-Step 4	1.	If the Doctor wants to change their profile information
	2.	Doctor types in a new bio and clicks submit.
	3.	System asks for confirmation.
	4.	Doctor confirms the changes.
	5.	System displays the Doctor's profile with the updated bio.
AS- Step 13	6.	If the doctor does not want to post an article, he will click on the Cancel button.
	7.	System will display doctor's profile page.

Use Case name	Create Member Account
Use Case Description	Interested party signs up for a member account
Actors	Interested Party
Pre-Condition	-
Post-Condition	Interested party successfully signs up for a member account

Primary Flow	**Serial No.**	**Steps**
Actors/Users	1	Interested party selects sign up as member
	2	System prompts interested party to enter name, username, email, password, whether they are a smoker and bio
	3	Interested party keys in name, username, email, password and other information
	4	System checks if information entered is valid
	5	System creates member account record

	6	System sends an email to interested party to verify email
	7	System displays message to prompt interested party to verify account via email
	8	Interested party verifies the account via email
Alternate Flow	**Serial No.**	**Steps**
AS-Step 4	1	Username keyed in is not unique, system will prompt interested party to enter a new username
	2	System returns to step 2
AS-Step 8	1	Interested party does not verify email, the account cannot be used

Use Case name	Manage Member Profile
Use Case Description	Interested Party manage / view their own profile
Actors	Interested Party
Pre-Condition	Interested Party must have an existing account in the system. Interested Party must be logged in to the system.
Post-Condition	-Members must be able to edit their own profile. -Members must be able to view comments on their own stories.

Primary Flow	**Serial No.**	**Steps**
Actors/Users	1	Members click on the View Profile button.
	2	System displays the member's profile picture, bio, New Story button and a list of stories posted by themselves if the member is a non-smoker..
	3	Members select on the edit button.
	4	System prompts the member if they want to change their profile information.
	5	If the member does not need to edit their profile, they may view their stories which they have posted
	6	Members select on the New Story button.
	7	System prompts the member to enter a title, message

		and tags.
	8	Members select on the Post button.
	9	Articles will be displayed in the Stories list and member's profile page in list view format.
	10	Members delete stories.
	11	System prompt member if he wants to confirm delete the story.
	12	Member selects confirm delete.
	13	System delete and remove the story from database and display list respectively.
Alternate Flow	**Serial No.**	**Steps**
AS-Step2	1	System displays the member's profile picture, bio, smoke-free progress, Check-in Progress button and a list of stories posted by themselves if the member is a smoker.
	2	Members click on the 'Check in progress' button.
	3	System will update the number of days smoke-free together with the amount of money saved and display it on the member's profile page.
AS-Step12	4	Member selects on cancel delete.
	5	System display member's profile page.

Use Case name	Interact with Lung Cancer / Smoking Articles
Use Case Description	Doctors posting an article and the interaction between interested parties and doctors of the article
Actors	Interested Parties, Doctor
Pre-Condition	The interested party and the doctor must have an existing account in the system. The interested party and the doctor must be logged in to the system.
Post-Condition	-

Primary Flow	Serial No.	Steps

Actors/Users	1	Doctor selects 'Create New Article'
	2	Doctor fills up and submit an Article form.
	3	System validates the Article details.
	4	After a successful validation, the system displays 'Article Successfully Propose! Please wait for admin to validate'.
Need alt flow for reject? Oh ya...	5	Admin accepts the article.
		System displays the accepted article on the article page.
	6	Interested Party / Doctor selects an article to view from the article page.
	7	System displays the selected article.
	8	Interested Party / Doctor posts an article comment on the selected article.
	9	System acknowledges that the article comment is posted.
	10	Interested Party / Doctor replies to the other user's comment on the selected article.
	11	System acknowledges that the replied comment is posted.
Alternate Flow	**Serial No.**	**Steps**
AS-Step 3	1	Mandatory fields not filled in.
	2	System prompts Doctor to fill up Mandatory fields.
	3	Return to step 2
AS-Step 3	1	Doctor selects cancel instead
	2	System returns to Doctors Profile Page

Use Case name	**Regulate Articles**
Use Case Description	Manage the Articles posted by doctors
Actors	Administrative
Pre-Condition	Must be login as an administrative

Post-Condition	Accept / Reject Articles

Primary Flow	**Serial No.**	**Steps**
Actors/Users	1	Admin selects 'My Admin' button
	2	System display a list of pending Articles as default
	3	Admin select an article that is requesting to be posted
	4	System display entire article with management controls
	5	Admin checks the content of the article for any improper content
	6	After evaluation, admin click 'Approve' button if there is nothing wrong with the article
	7	System post the article with the Doctor's details attached to it
	8	System displays a confirmation message "Article is Accepted!"
	9	System sends a notification to the Doctor about the acceptance
	10	System push the article from 'Pending' tab to 'Published' tab under the Doctor's Profile page
	11	System push the article from 'Pending Article'' tab to 'Approved Article' tab under the Admin's management page
	12	System will bring Admin back to Admin's management page under the 'Pending Article'' tab
	13	Admin click on 'Approved Article' button
	14	System display a list of approved Articles
Alternate Flow	**Serial No.**	**Steps**
AS-Step 5	1	After evaluation, admin click 'Reject' button if there is something wrong with the article
	2	System will prompt the admin to state the reason why the article is rejected
	3	Admin click on 'Confirm' button after reason have been stated

	5	System displays a message "Article is Rejected!"
	6	System sends a notification to the Doctor about the rejection
	7	System add a 'View Rejection Notice' button under the rejected article in 'Pending' tab of the Doctor's Profile page
	8	System returns to step 12
AS-Step 6	1	After evaluation, Admin click 'cancel'
	2	System returns to step 2

Use Case name	Regulate Doctors
Use Case Description	Manage the newly registered doctors
Actors	Administrative
Pre-Condition	Must be login as an administrative
Post-Condition	Accept / Reject Doctor

Primary Flow	Serial No.	Steps
Actors/Users	1	Admin selects 'My Admin' button
	2	Admin selects 'Pending Doctors' tab
	3	Admin select an doctor that is requesting to be approved
	4	System display entire doctor information with management controls
	5	Admin checks the content of the doctor for any falsehood
	6	After evaluation, admin click 'Approve' button if there is nothing wrong with the doctor
	7	System displays a confirmation message "Doctor is Accepted!"
	8	System sends a notification to the Doctor about the acceptance
	9	System push the doctor from 'Pending Doctor' tab to 'Approved Doctor' tab tab under the Admin's Management page

	10	System will bring Admin back to Admin's Management page under the 'Pending Doctor' 'tab
	11	Admin click on 'Approved Doctor' button
	12	System display a list of approved Doctors
Alternate Flow	**Serial No.**	**Steps**
AS-Step 5	1	After evaluation, admin click 'Reject' button if there is something wrong with the doctor
	2	System will prompt the admin to state the reason why the article is rejected
	3	Admin click on 'Confirm' button after reason have been stated
	5	System displays a message "Doctor is Rejected!"
	6	System sends a notification to the Doctor about the rejection
	7	System add a 'View Rejection Notice' button in the Doctor's Profile page
	8	System returns to step 10
AS-Step 6	1	After evaluation, Admin click 'cancel'
	2	System returns to step 2

Use Case name	Interact with Personal Stories
Use Case Description	This use case describes interested parties posting their personal stories and interaction between interested parties and doctors with personal stories.
Actors	Interested party, Doctor
Pre-Condition	1. The interested party and the doctor must have an existing account in the system. 2. The interested party and the doctor must be logged in to the system.
Post-Condition	-

Primary Flow	Serial No.	Steps
Actors/Users	1.	Interested party selects a post personal story.

	2.	Interested party fills up and submit a personal story form.
	3.	System validates the form.
	4.	After a successful validation, the system displays "Post successfully created".
	5.	Interested Party/ Doctor selects a post to view from the stories feed.
	6.	System displays the selected story.
	7.	Interested Party/ Doctor post a comment on the selected post.
	8.	System acknowledges that the comment is posted.
	9.	Interested Party/ Doctor replies to the other user's comment on the selected post.
	10.	System acknowledges that the replied comment is posted.
Alternate Flow	**Serial No.**	**Steps**
AS-Step 4	1.	Mandatory fields not filled in.
	2	System prompts interested parties to fill up Mandatory fields.
	3	Return to step 2

Use Case name	Inform Users About System Status
Use Case Description	Send an alert to all users of any changes to the system
Actors	Administrative
Pre-Condition	Must be login as an administrative
Post-Condition	A notification to all users of any changes to the system via email

Primary Flow	Serial No.	Steps
Actors/Users	1	Admin click on the 'Broadcast' button
	2	System prompt the admin on the details
	3	Admin click 'Confirm' button

	4	System check if all mandatory fields are filled correctly
	5	After successful validation, System display confirmation message 'Notification Successful'
	6	System will display the notification for all incoming users to the website as notification banner
	7	System will only retract the notification after the specified time by the admin
Alternate Flow	**Serial No.**	**Steps**
AS-Step 3	1	Admin click on the 'Cancel' button
	2	System will return to Admin management page
AS-Step 4	1	Not all fields are filled correctly
	2	System display message 'Please fill in the correct details'
	3	System highlight the error fields in red
	4	System returns to step 2

Use Case name	Track Quit Smoking Progression
Use Case Description	System keeps track of the number of days that a Smoker has avoided smoking cigarettes
Actors	Smoker
Pre-Condition	1. The Smoker must have an existing account in the system. 2. The Smoker must be logged in to the system.
Post-Condition	1. Smoke-free days are displayed on the calendar. 2. Number of smoke-free days, number of cigarettes not smoked and amount of money saved is displayed.

Primary Flow	Serial No.	Steps
Actors/Users	1.	Smoker clicks on the Quit Smoking tab
	2.	System displays the current progress the Smoker has made - Number of smoke-free days - Number of cigarettes not smoked - Amount of money saved.

	3.	Smoker clicks on any of the calendar dates (current day or before) to mark it as smoke-free.
	4.	System updates the current progress and displays it to the Smoker
Alternate Flow	**Serial No.**	**Steps**
AF-Step 2	1.	If Smoker is accessing the Quit Smoking tab for the first time, the System prompts him for: - His average cigarette usage - His average cigarette price
	2.	Smoker enters the average cigarette usage and cigarette price.
	3.	Return to step 2