
Use Cases

for

SmartSelectionGroupSP

Prepared by Sheimy Paz

SmartSelectionGroup

<2/28/2022

Use Case List

Primary Actor	Use Cases
User/Patients Company Personnel (customer services)	Register Account
Manager, supervisor, Company personnel	Self-test
Manager, supervisor, Company personnel	Entering data to the system
Manager, supervisor, Company personnel	Analyzing information.

Use Case: Register Account

UC ID and Name:	SSGSP-01 Register Account		
Created By:	Sheimy Paz	Date Created:	2/28/2022
Primary Actor:	User/Patients	Secondary Actors:	Company Personnel (customer services)
Trigger:	Click registration button.		
Description:	The User/Patients or personnel (customer services) must provide/ fill on the boxes with his personal information: name, last name, email, phone number, and last 4 of SS# for the registration process		
Preconditions:	<p>The User/Patients or personnel (customer services) must have stable internet access to use the system.</p> <p>The User/Patients or personnel (customer services) must be able to follow writing, reading instructions in English.</p>		
Postconditions:	<p>User/Patients must provide a valid identification form for the enroll process.</p> <p>System will use email/text message validation to verify the information.</p>		
Normal Flow:	<p>User/Patients must provide a valid identification form for the enroll process.</p> <p>System will use email/text message validation to verify the information.</p>		
Alternative Flows:	<p>SSGSP-01.0.0 User will browse the web site.</p> <p>SSGSP-01.1.1 User will click on create new account.</p> <p>SSGSP-01.2.2 User will fill the blank boxes with required information.</p>		

	SSGSP-01.3.3 User will receive an email or text message to verify the new account and information. SSGSP-01.4.4 User will not be able to verify the account on its devise of option. SSGSP-01.5.5 User will click on the verify account button one more time to received and email or test message again.
Exceptions:	SSGSP-01.0.0.0 User will browse the web site. SSGSP-01.1.1.1 User will click on create new account. SSGSP-01.2.2.2 User will fill the blank boxes with required information. SSGSP-01.3.3.3 User will receive an email or text message to verify the new account and information. SSGSP-01.4.4.4 User will not be able to verify the account on its devise of option. SSGSP-01.5.5.5 User will click on the verify account button one more time to received and email or test message again. SSGSP-01.6.6.6 User will not be able to validate the information on the device for any external condition. SSGSP-01.7.7.7 User will not be able to successfully open the account. SSGSP-01.8.8.8 User will need to fix that external condition and try again.
Priority:	High
Frequency of Use:	Frequently
Assumptions:	If information is validated account will be successfully created.

Use Case: Self-test

UC ID and Name:	SSGSP-02 Self-test		
Created By:	Sheimy Paz	Date Created:	2/28/2022
Primary Actor:	Manager, supervisor	Secondary Actors:	Company Personnel
Trigger:	Date/hour (last Sunday of every month)		
Description:	The system will text itself for accuracy every month on last Sunday from 1am to 3 pm.		
Preconditions:	System must have been working as expected for the last week		
Postconditions:	System must work properly as expected with an accuracy of 50 and more.		
Normal Flow:	Last Sunday of the month at 1 am the system will shoot down. System will identify latest data collected. System will perform accuracy test with latest data previously identify. After test is done calibration process will start.		

Alternative Flows:	SSGSP-02.0.0 Last Sunday of the month at 1 am the system will shoot down. SSGSP-02.1.1 System will identify latest data collected. SSGSP-02.2.2 System will not identify new data since there was not new data collected. SSGSP-02.3.3 System will perform accuracy test with the data it already has store (old data). SSGSP-02.4.4 After test is done calibration process will start.
Exceptions:	SSGSP-02.0.0.0 Last Sunday of the month at 1 am the system will shoot down. SSGSP-02.1.1.1 System will identify latest data collected. SSGSP-02.2.2.2 System will perform accuracy test. SSGSP-02.3.3.3 System accuracy test will be lower than 40%. SSGSP-02.4.4.4 System will redo all process from step one.
Priority:	High
Frequency of Use:	Frequently
Assumptions:	Test accuracy will be higher than 40%.

Use Case: Entering data to the system

UC ID and Name:	SSGSP-03 Entering data to the system		
Created By:	Sheimy Paz	Date Created:	2/28/2022
Primary Actor:	User, manager, supervisor	Secondary Actors:	Company Personnel
Trigger:	Click a button		
Description:	The system will accept, store, and analyze data to make its prediction		
Preconditions:	System must have data previously collected		
Postconditions:	System must work properly as expected with an accuracy of 50 and more.		
Normal Flow:	SSGSP-03.0 Personnel, users, etc. will enter the data. SSGSP-03.1 The system will save this data in its database. SSGSP-03.2 System will analyze data using methods like topic modeling SSGSP-03.4 System will make a prediction and display its decision to the screen.		
Alternative Flows:	SSGSP-03.0.0 Personnel, users, etc. will update data from a previous patient who is already on the system.		

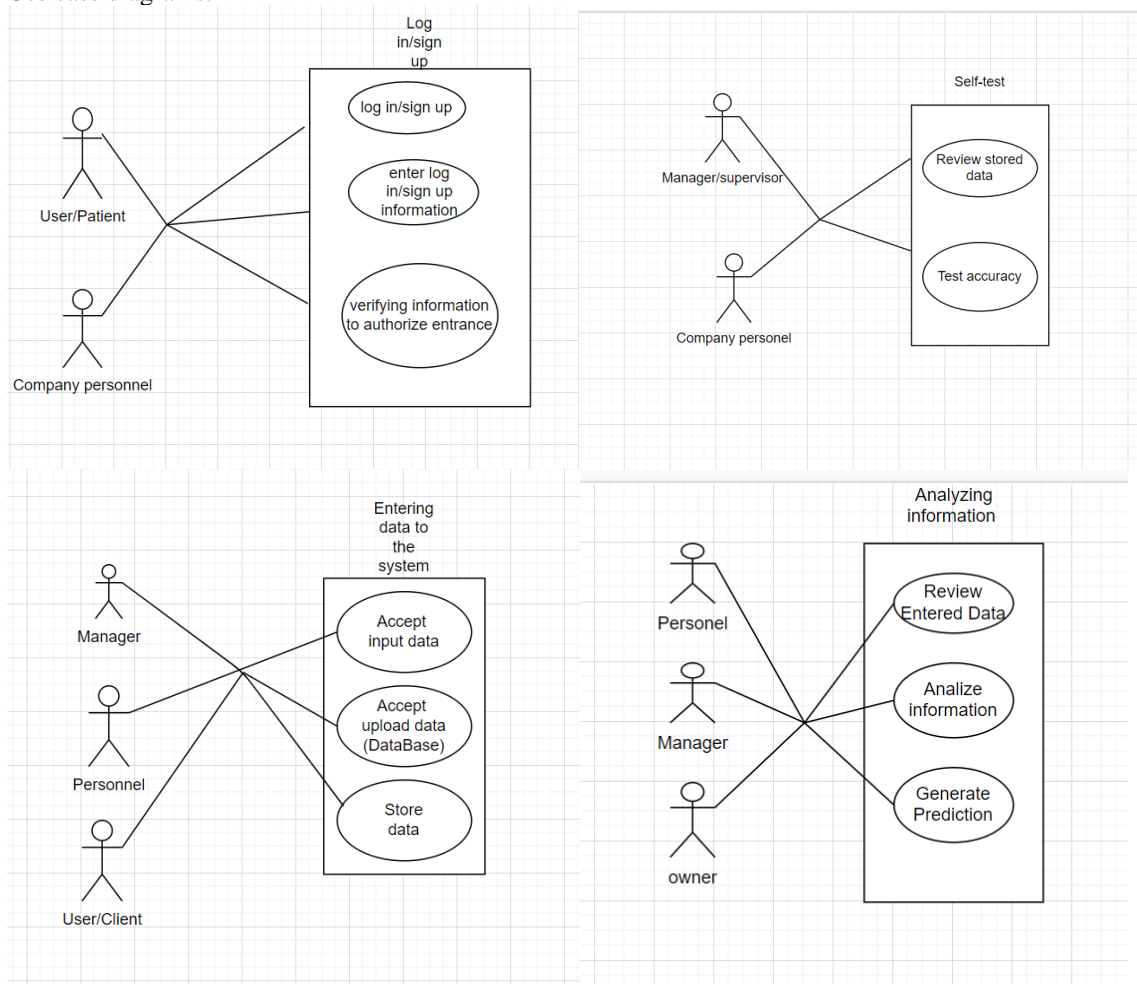
	SSGSP-03.1.1 The system will save this data in its database. SSGSP-03.2.2 System will analyze data using methods like topic modeling SSGSP-03.4.4 System will make a prediction and display its decision to the screen.
Exceptions:	SSGSP-03.0.0.0 If system does not display a prediction the process will repeat one more time.
Priority:	High
Frequency of Use:	Relative often

Use Case: Analyzing information.

UC ID and Name:	SSGSP-04 Register Account		
Created By:	Sheimy Paz	Date Created:	2/28/2022
Primary Actor:	Clients, Company Personnel (customer services)	Secondary Actors:	Manager, supervisor, owner
Trigger:	Click registration button.		
Description:	The system will analyze the data using a decision tree.		
Preconditions:	System must have the data previously collected		
Postconditions:	System must work properly as expected with an accuracy of 50 and more.		
Normal Flow:	SSGSP-04.0 The system will analyze the information entered by the customer SSGSP-04.1 System will use a decision tree to filter the data previously collected. SSGSP-04.2 System will generate a health prediction SSGSP-04.3 System will place client in a specific group according with the prediction.		
Alternative Flows:	SSGSP-04.0.0 The system will analyze the information entered by the customer SSGSP-04.1.1 System will use a decision tree to filter the data previously collected. SSGSP-04.2.2 System generate a precise health prediction.		

	SSGSP-04.3.3 System will start the process from step one.
Exceptions:	SSGSP-04.0.0.0 The system will analyze the information entered by the customer SSGSP-04.1.1.1 System will use a decision tree to filter the data previously collected. SSGSP-04.2.2.2 System is not able to generate a precise health prediction. SSGSP-04.3.3.3 System will start the process from step one.
Priority:	High
Frequency of Use:	Frequently

Use case diagrams:



Use case notes link.

<https://spazserpa.atlassian.net/wiki/spaces/C3/blog/2022/03/01/6717441/Use+Case+Notes>