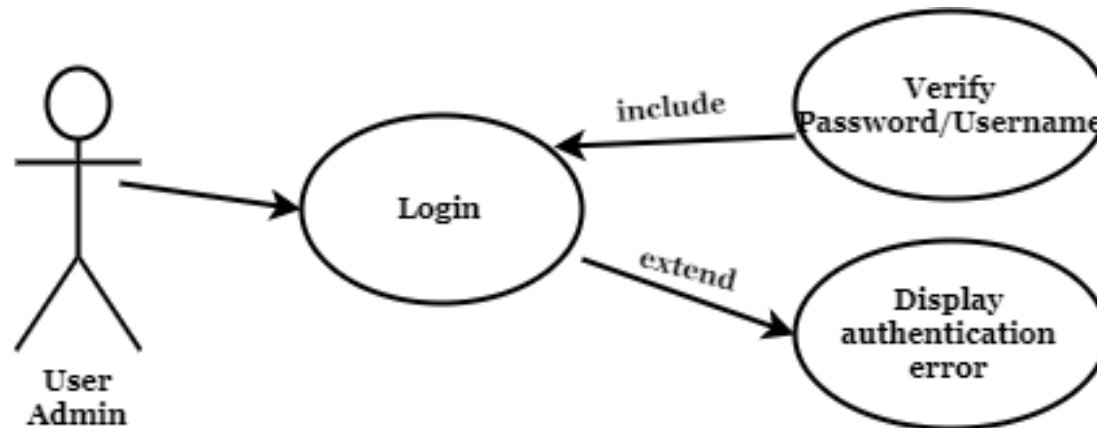
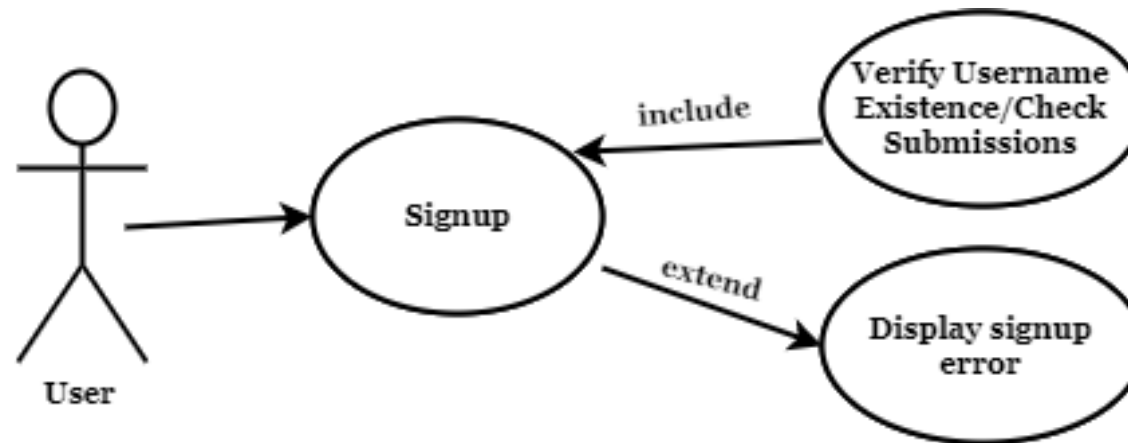


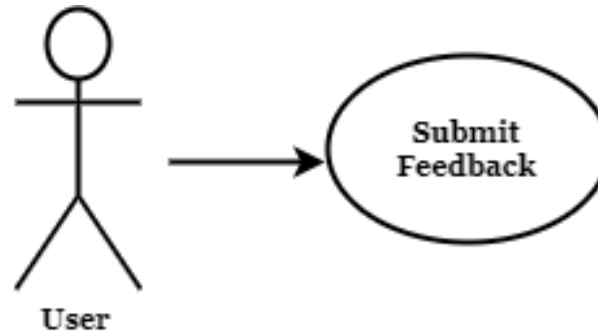
Use Case Narratives:



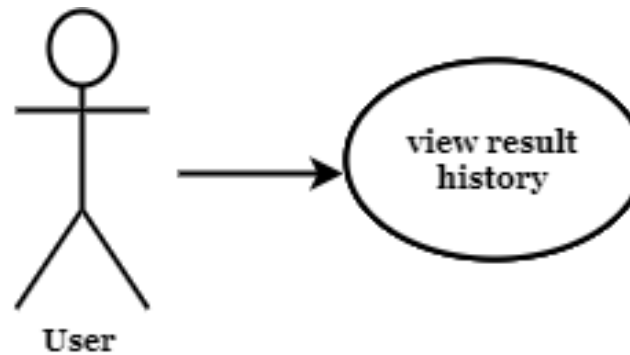
Use Case Name:	Login	
ID:	HDP-001	
Actors Involved:	User, Administrator	
Brief Description	Actor enters the email address and password to login to the system.	
Pre-Conditions	For User Signup[HDP-002]	
Post-Conditions	Verify Password/Username. [HDP-011] Display authentication error.[HDP-010]	
Priority:	High	
Normal Flow of Events:	Actor Action	System Response
	1. Enter email address and password. 2. Clicks the submit button.	1. System displays the actor mail page on successful login. 2. System displays error message on invalid login.



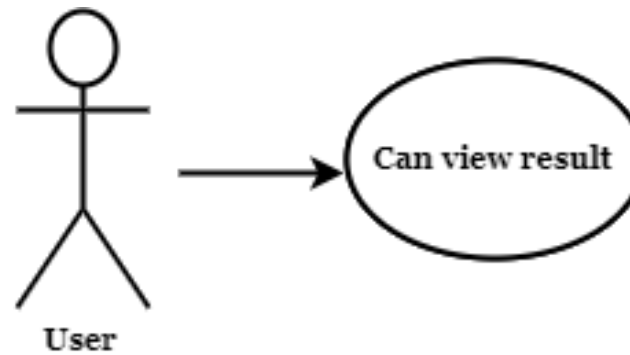
Use Case Name:	Signup	
ID:	HDP-002	
Actors Involved:	User	
Brief Description	Actor enters the username email address and password all other info required to signup to the system.	
Pre-Conditions	-	
Post-Conditions	Verify Username Availability/Check Submissions. [HDP-013] Display signup error. [HDP-012]	
Priority:	High	
Normal Flow of Events:	Actor Action	System Response
	1. Enter username,email address and password etc all info. 2. Clicks the submit button.	1. System Verify Username Availability. 2. System check submissions and displays error message on invalid submissions.



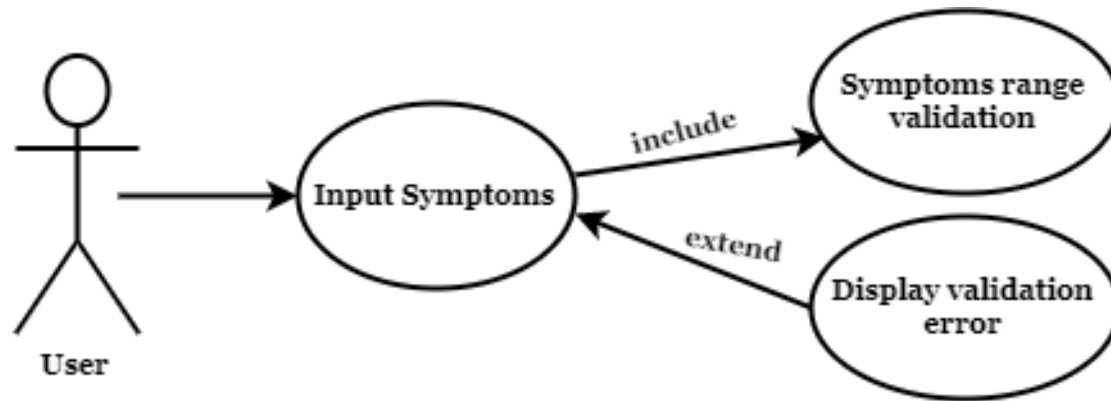
Use Case Name:	Submit Feedback	
ID:	HDP-003	
Actors Involved:	User	
.Brief Description	Actor enters the feedback then submit to the system.	
Pre-Conditions	Login.[HDP-001] Input Sysmptoms.[HDP-006]	
Post-Conditions	Input Sysmptoms.[HDP-006] view result history[HDP-004]	
Priority:	low	
Normal Flow of Events:	Actor Action	System Response
	1. Enter feedback. 2. Clicks the submit button.	1. System displays feedback. 2. System submits feedback to database.



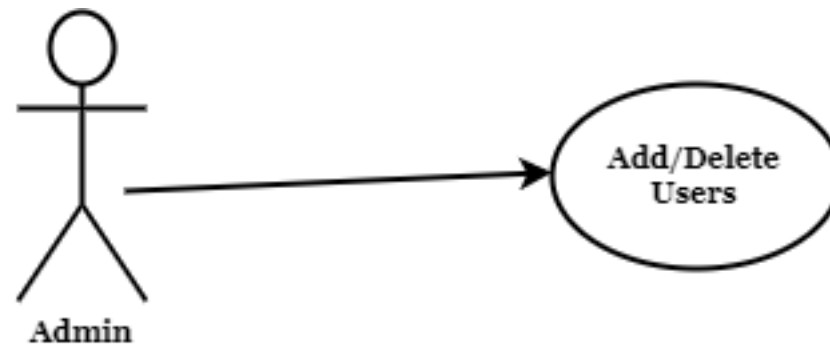
Use Case Name:	View result history	
ID:	HDP-004	
Actors Involved:	User	
Brief Description	Actor can view previous result history.	
Pre-Conditions	Login.[HDP-001]	
Post-Conditions	Input Sysmptoms.[HDP-006] Submit Feedback.[HDP-003]	
Priority:	medium	
Normal Flow of Events:	Actor Action	System Response
	1. Click View Results button.	1. System displays history of previous results.



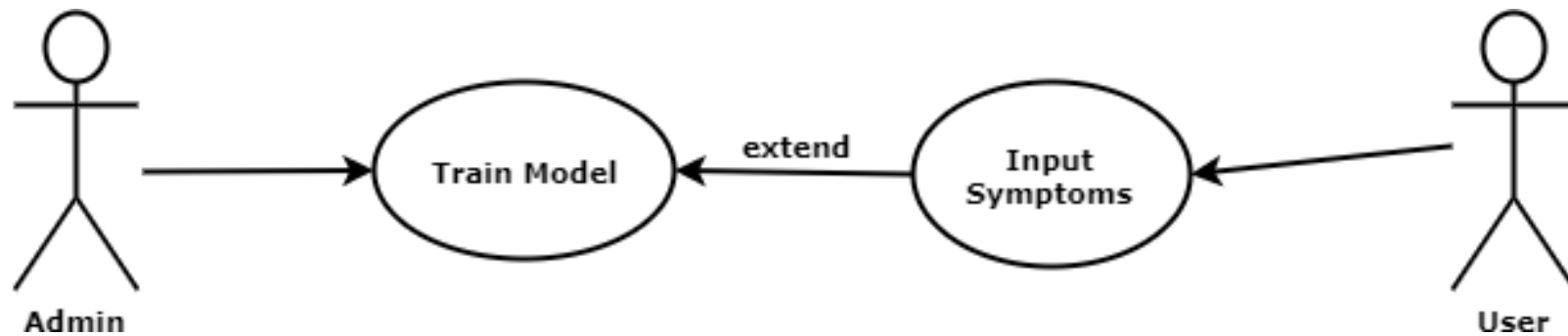
Use Case Name:	View result	
ID:	HDP-005	
Actors Involved:	User	
Brief Description	Actor can view current predicted result.	
Pre-Conditions	Login.[HDP-001] Input Sysmptoms.[HDP-006]	
Post-Conditions	Submit Feedback.[HDP-003]	
Priority:	medium	
Normal Flow of Events:	Actor Action	System Response
	1. Clicks the submit button.	1. Systems show the current predicted result.



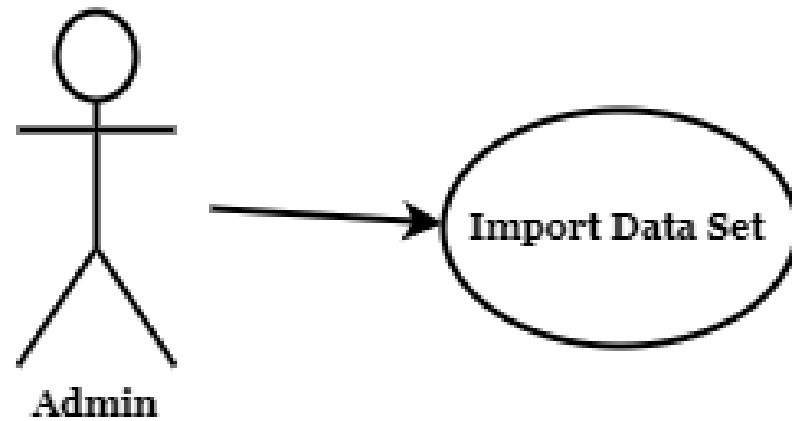
Use Case Name:	Input Sysmptoms	
ID:	HDP-006	
Actors Involved:	User	
Brief Description	Actor inputs Sysmptoms.	
Pre-Conditions	Login.[HDP-001]	
Post-Conditions	Symptoms range Validation.[HDP-015] Display validation error.[HDP-011] View result.[HDP-005]	
Priority:	high	
Normal Flow of Events:	Actor Action	System Response
	1. Enter Sysmptoms. 2. Clicks the submit button. s[HDP-005]	1. System collects inputs Sysmptoms. 2. System submits to database for prediction and displays the result.



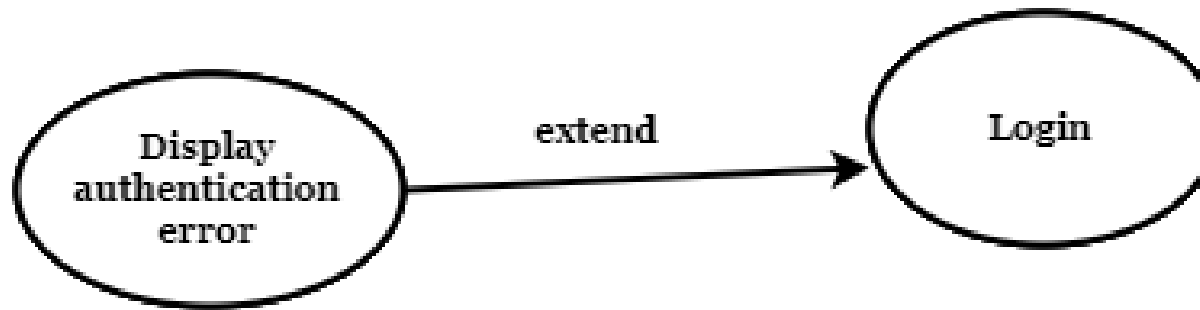
Use Case Name:	Add/Delete Users	
ID:	HDP-007	
Actors Involved:	Admin	
Brief Description	Actor can Add/Delete Users.	
Pre-Conditions	Login.[HDP-001]	
Post-Conditions	Login.[HPD-001] for User. Import Dataset.[HDP-009]	
Priority:	medium	
Normal Flow of Events:	Actor Action	System Response
	1. Enter user info select options to delete, update or add new user. 2. Clicks the submit button.	1. System collects input user info. 2. System performs required tasks by admin update/delete/add.



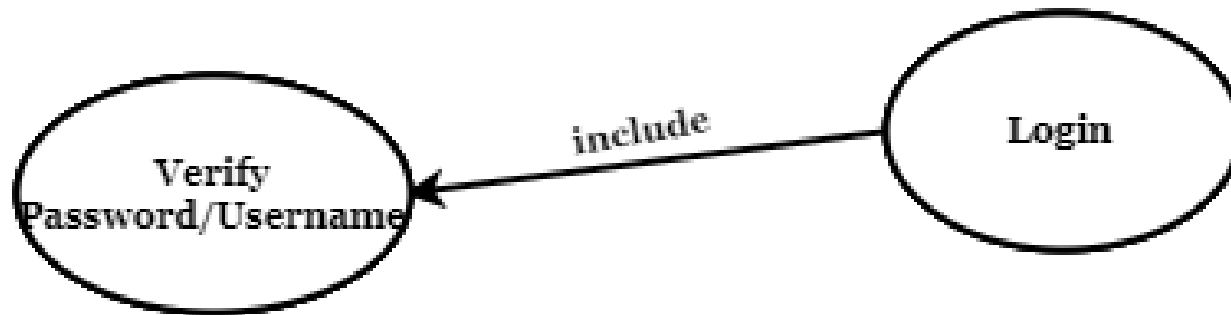
Use Case Name:	Train Model	
ID:	HDP-008	
Actors Involved:	Admin	
Brief Description	Actor can train model by using uploaded data set.	
Pre-Conditions	Login.[HDP-001] Import Data set.[HDP-009]	
Post-Conditions	Input Symptoms.[HDP-006]	
Priority:	high	
Normal Flow of Events:	Actor Action	System Response
	1. Clicks the Train model sbutton.	1. System checks data set availability then trains the model with the available data set.



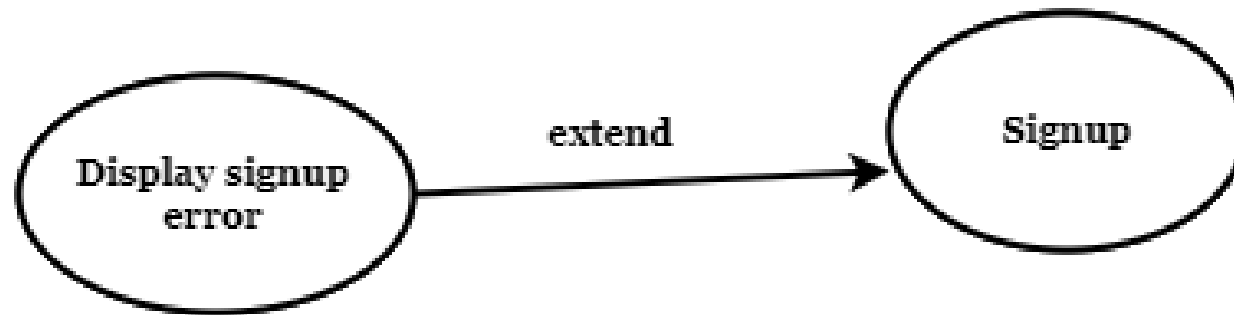
Use Case Name:	Import Dataset	
ID:	HDP-009	
Actors Involved:	Admin	
Brief Description	Actor can Add Dataset	
Pre-Conditions	Login.[HDP-001]	
Post-Conditions	Train Model[HDP-008]	
Priority:	high	
Normal Flow of Events:	Actor Action	System Response
	1. Upload Dataset csv file. 2. Clicks the submit button.	1. System collects csv file. 2. System Validate data set format and updates the database.



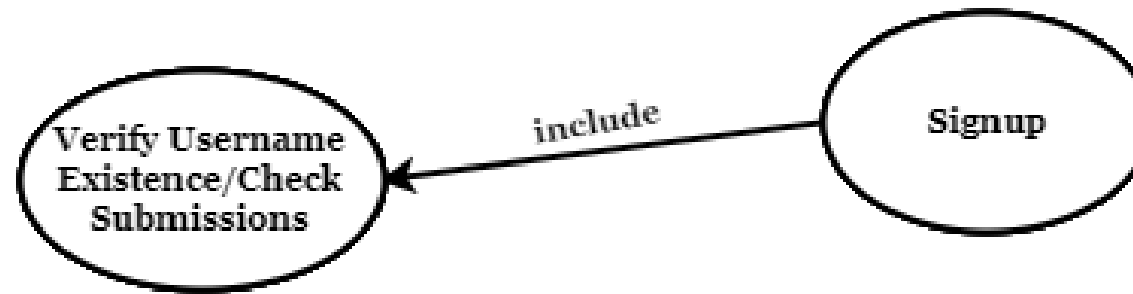
Use Case Name:	Display authentication error	
ID:	HDP-010	
Actors Involved:	Admin,User	
Brief Description	Displays Login authentication error after actor incorrect username password inputs.	
Pre-Conditions	Login[HDP-001] Verify Password/Username[HDP-011]	
Post-Conditions	Login[HDP-001]	
Priority:	high	
Normal Flow of Events:	Actor Action	System Response
	1. Enters Username password. 2. Clicks Login button.	1. System collects inputs . 2. Authenticate inputs with records in database if wrong display authentication error.



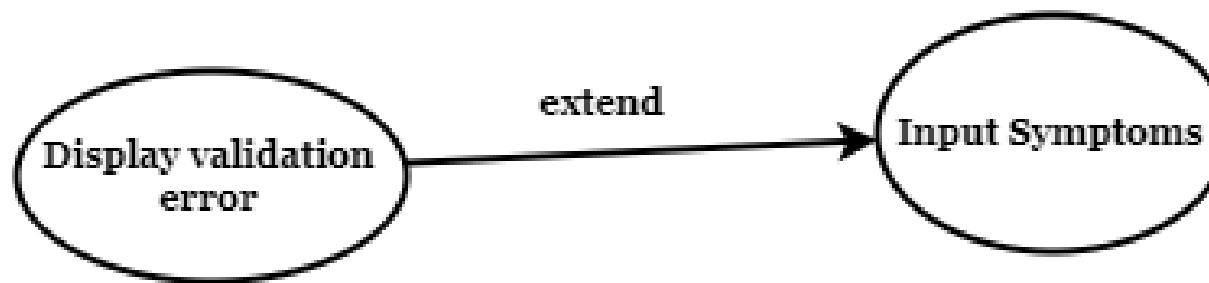
Use Case Name:	Verify Password/Username	
ID:	HDP-011	
Actors Involved:	Admin,User	
Brief Description	Verify Password/Username that user entered with records in database.	
Pre-Conditions	Login[HDP-001]	
Post-Conditions	Display authentication error[HDP-010]	
Priority:	high	
Normal Flow of Events:	Actor Action	System Response
	1. Enters Username password. 2. Clicks Login button.	3. System collects inputs . 4. Authenticate inputs with records in database.



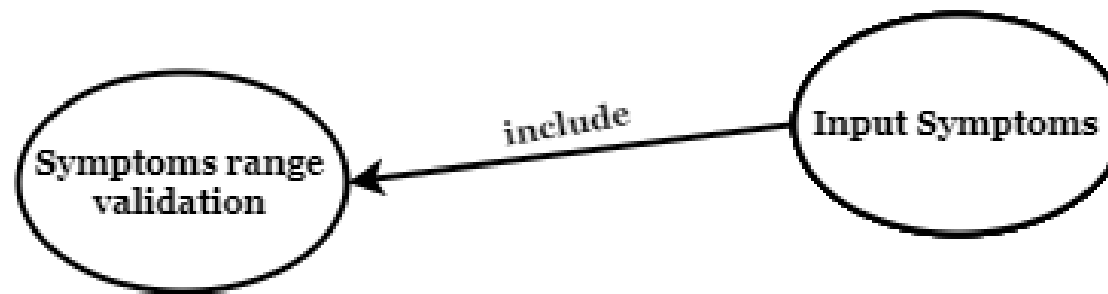
Use Case Name:	Display signup error	
ID:	HDP-012	
Actors Involved:	User	
Brief Description	Actor gets a error if the signup info has any issue(ex Username already taken).	
Pre-Conditions	Signup[HDP-002] Verify Username Existence/Check submissions [HDP-013]	
Post-Conditions	Signup[HDP-002]	
Priority:	medium	
Normal Flow of Events:	Actor Action	System Response
	1. Enter All info required in signup form. 2. Clicks the submit button.	1. System collects signup form inputs. 2. Verify submissions if correct submits to database else display signup error.



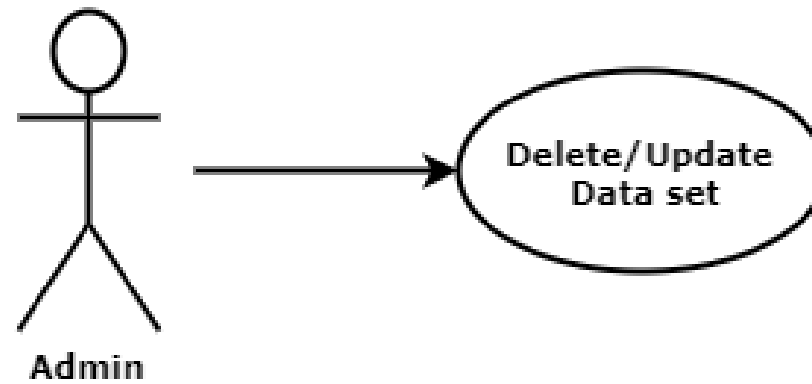
Use Case Name:	Verify Username Existence/Check submissions	
ID:	HDP-013	
Actors Involved:	User	
Brief Description	System Verify Username Existence/Check submissions.	
Pre-Conditions	Signup[HDP-002]	
Post-Conditions	Login[HDP-001] Display signup error[HDP-012]	
Priority:	high	
Normal Flow of Events:	Actor Action	System Response
	1. Enter All info required in signup form. 2. Clicks the submit button.	1. System collects signup form inputs. 2. Verify submissions if correct submits to database else display signup error.



Use Case Name:	Display validation error	
ID:	HDP-014	
Actors Involved:	User	
Brief Description	Actor gets a validation error if there is any wrongly input symptoms.	
Pre-Conditions	Login[HDP-001] Symptoms range validation[HDP-015]	
Post-Conditions	Input Symptoms[HDP-006]	
Priority:	medium	
Normal Flow of Events:	Actor Action	System Response
	1. Enter Sysmptoms. 2. Clicks the submit button.	1. System collects inputs Sysmptoms. 2. System displays validation error on wrongly input symptoms.



Use Case Name:	Symptoms range validation	
ID:	HDP-015	
Actors Involved:	User	
Brief Description	System validate Symptoms entered by user	
Pre-Conditions	Login[HDP-001] Input Symptoms[HDP-006] Display validation error[HDP-014]	
Post-Conditions	View result[HDP-005]	
Priority:	high	
Normal Flow of Events:	Actor Action	System Response
	1. Enter Sysmptoms. 2. Clicks the submit button.	1. System collects inputs Sysmptoms. 2. System validates Symptoms.



Use Case Name:	Delete/Update Data set	
ID:	HDP-016	
Actors Involved:	Admin	
Brief Description	Actor	
Pre-Conditions	Login[HDP-001] Import dataset[HDP-016]	
Post-Conditions	Train model[HDP-008]	
Priority:	medium	
Normal Flow of Events:	Actor Action	System Response
	1. Admin Delete/update dataset 2. Clicks the submit button.	1. System collects changes. 2. System submits to database.