

**Test Id :** HealthExpert -> HE03  
**Test Name:** Predict Disease  
**Purpose/Objective:** To predict disease based on symptoms  
**Pre requisites:** Login As Doctor -> Patient -> Predict Disea

Test case ID	Objective
HE3.1	To predict disease
HE3.2	To input values for prediction
HE3.3	To submit symptoms input for predicting disease
HE3.4	To get disease from server & display results

HE3.5	To input values for prediction
HE3.6	To predict disease

Procedure	Expected Results
<ol style="list-style-type: none"> <li>1. Login as doctor</li> <li>2. Patient section</li> <li>3. Search patient</li> <li>4. View patient details</li> <li>5. Predict disease</li> </ol>	Display prediction activity
<ol style="list-style-type: none"> <li>1. Login as doctor</li> <li>2. Patient section</li> <li>3. Search patient</li> <li>4. View patient details</li> <li>5. Predict disease</li> <li>6. Select appropriate symptoms</li> </ol>	Symptoms selected with help of dialog box & shown on textbox
<ol style="list-style-type: none"> <li>1. Login as doctor</li> <li>2. Patient section</li> <li>3. Search patient</li> <li>4. View patient details</li> <li>5. Predict disease</li> <li>6. Select appropriate symptoms</li> <li>7. Check mother &amp; father symptoms</li> </ol>	Data should be submitted to server & expect for results.
<ol style="list-style-type: none"> <li>1. Login as doctor</li> <li>2. Patient section</li> <li>3. Search patient</li> <li>4. View patient details</li> <li>5. Predict disease</li> <li>6. Select appropriate symptoms</li> <li>7. Check mother &amp; father symptoms</li> </ol>	Data should be submitted to server & display results.

<ol style="list-style-type: none"><li>1. Login as doctor</li><li>2. Patient section</li><li>3. Search patient</li><li>4. View patient details</li><li>5. Predict disease</li><li>6. Select appropriate symptoms</li><li>7. Check mother &amp; father symptoms</li></ol>	Symptoms selected with help of dialog box & shown on textbox
<ol style="list-style-type: none"><li>1. Login as doctor</li><li>2. Patient section</li><li>3. Search patient</li><li>4. View patient details</li><li>5. Predict disease</li><li>6. Select appropriate symptoms</li><li>7. Check mother &amp; father symptoms</li></ol>	Data should be submitted to server & display results.

Actual Result	Pass/Fail	Bug Id
Accepted prediction activity shown	PASS	
Displays symptoms selected	PASS	
Data gets posted to server processing for results	PASS	
Disease displayed with respect to probability of having that disease	PASS	

Data posted empty	FAIL	
Empty result from server	FAIL	

Remarks
Enables doctor to input values for prediction.
Field contains symptoms for prediction
This field is optional parameter, includes mother & father symptoms for predicting disease .
Displays disease of inputted symptoms

Unable to predict disease no symptoms  
inputted

Server was unable to predict disease  
since there was no relation found  
among symptoms