Vaccination Schedule System

Design and implement a system for Patients to maintain vaccination schedule. It will be used by a user to add a patient, add vaccination given details and view vaccination card for them.

- The home page contains the following links
    o Add a patient.
    o Administer Vaccinations

System Features

Use Case #1	**Add a patient**		
Trigger	User clicks on "Add a patient" link on the home page		
Pre-Conditions	-		
Post-Conditions	The complete information about the patient is stored in the application database		
UI Screen Details	The input form contains the following fields		
	Name of the patient	Text value	
	DOB (DD-MMM-YYYY)	Date Value	Preferably use datepicker control
	Gender	Drop down	Values Male, Female
	Place of Birth	Text Value	
	Blood Group	Drop down	Values O+, O-, A+, A-, B+, B-, AB+, AB-
	Height	Decimal (Positive)	
	Weight	Decimal (Positive)	
	Save	Button	
	Cancel	Button	
Main Flow	The user provides the required details in the form and Clicks "Save" button. On successfully saving the patient's details, user is forwarded to the home page along with the message "Patient's details have been saved successfully"		
Data Validations	• Input data has to be validated for numeric and date data fields. • Following fields are mandatory – Name and DOB		
Business Rules	• Name of the patient should be unique		
Exception Flows	• In case of any failure in Data Validation or Business Rules, user should be brought back to the screen along with the error message "The value provided for the field …. Is incorrect or incomplete"		
Alternate Flows	• When the user selects "Cancel" button, s/he should be taken back to the home page		