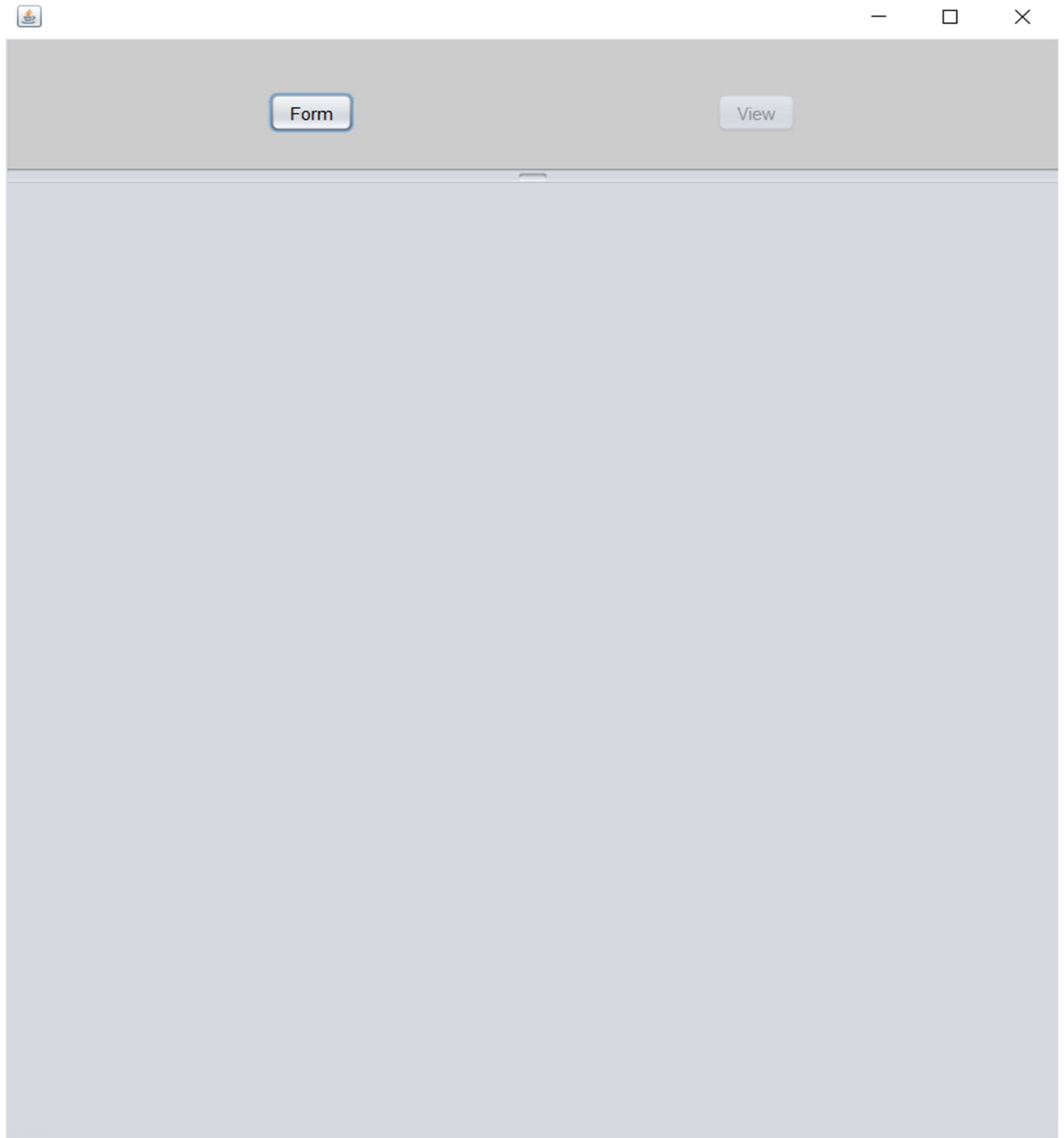


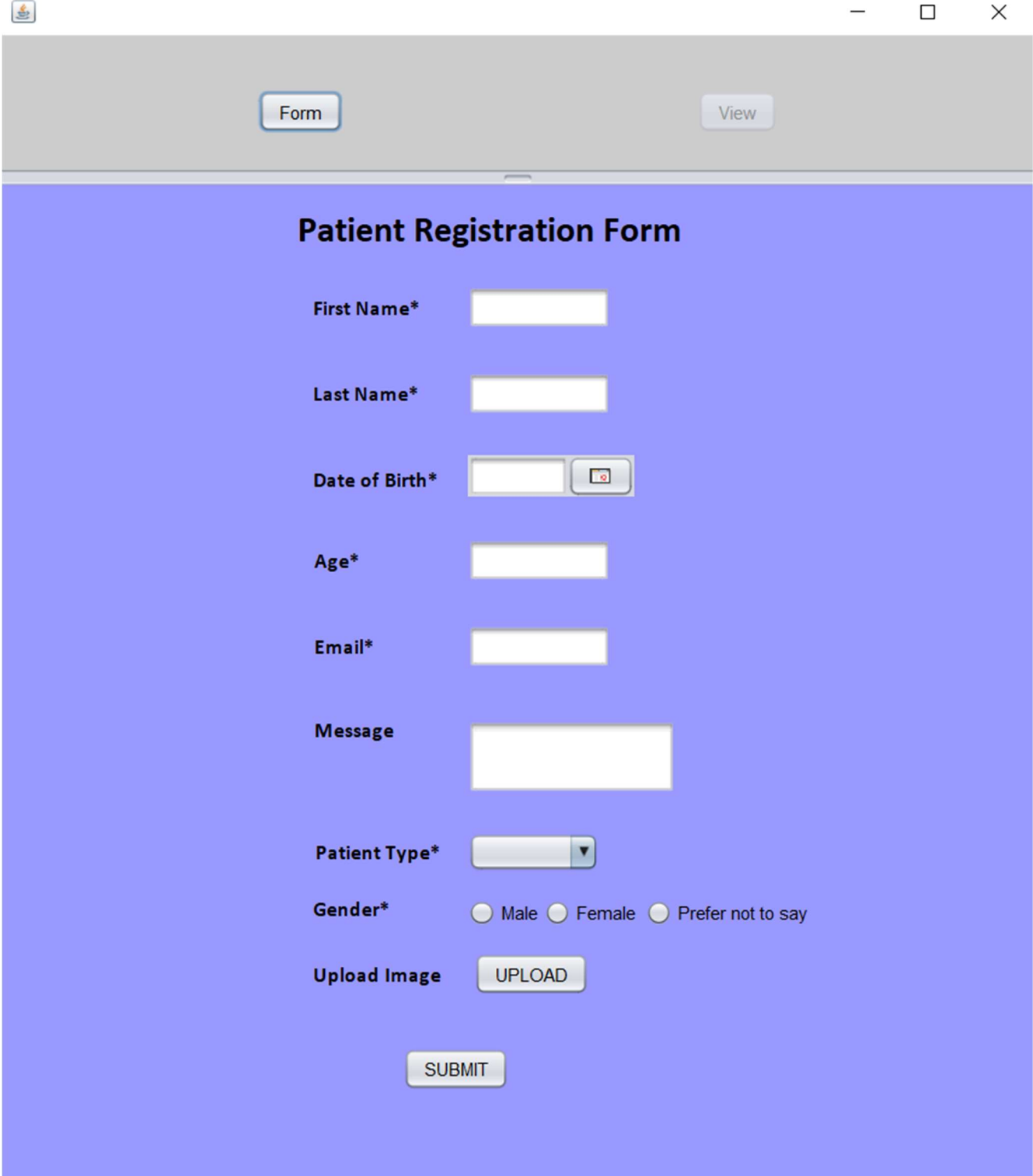
Lab 4 - Navigation flow in Java Swing

Screenshots:

1) Create a UI with a split pane that has a top panel containing a form and a view button. The bottom panel displays forms when the form and view buttons are clicked. The view button is enabled only when data is successfully submitted using the form button.




2) The Patient Registration Form and its components are displayed in the bottom panel.



The screenshot shows a web application window with a title bar containing a small icon, a minus sign, a maximize button, and a close button. Below the title bar is a grey header area with two buttons: "Form" (highlighted with a blue border) and "View". The main content area has a light blue background and is titled "Patient Registration Form" in bold black text. The form contains the following fields and controls:

- First Name***: A text input field.
- Last Name***: A text input field.
- Date of Birth***: A text input field followed by a calendar icon button.
- Age***: A text input field.
- Email***: A text input field.
- Message**: A larger text input field.
- Patient Type***: A dropdown menu.
- Gender***: Three radio buttons labeled "Male", "Female", and "Prefer not to say".
- Upload Image**: A button labeled "UPLOAD".
- SUBMIT**: A large button at the bottom center.

3) Error message is displayed if mandatory fields are not filled in the patient registration form.



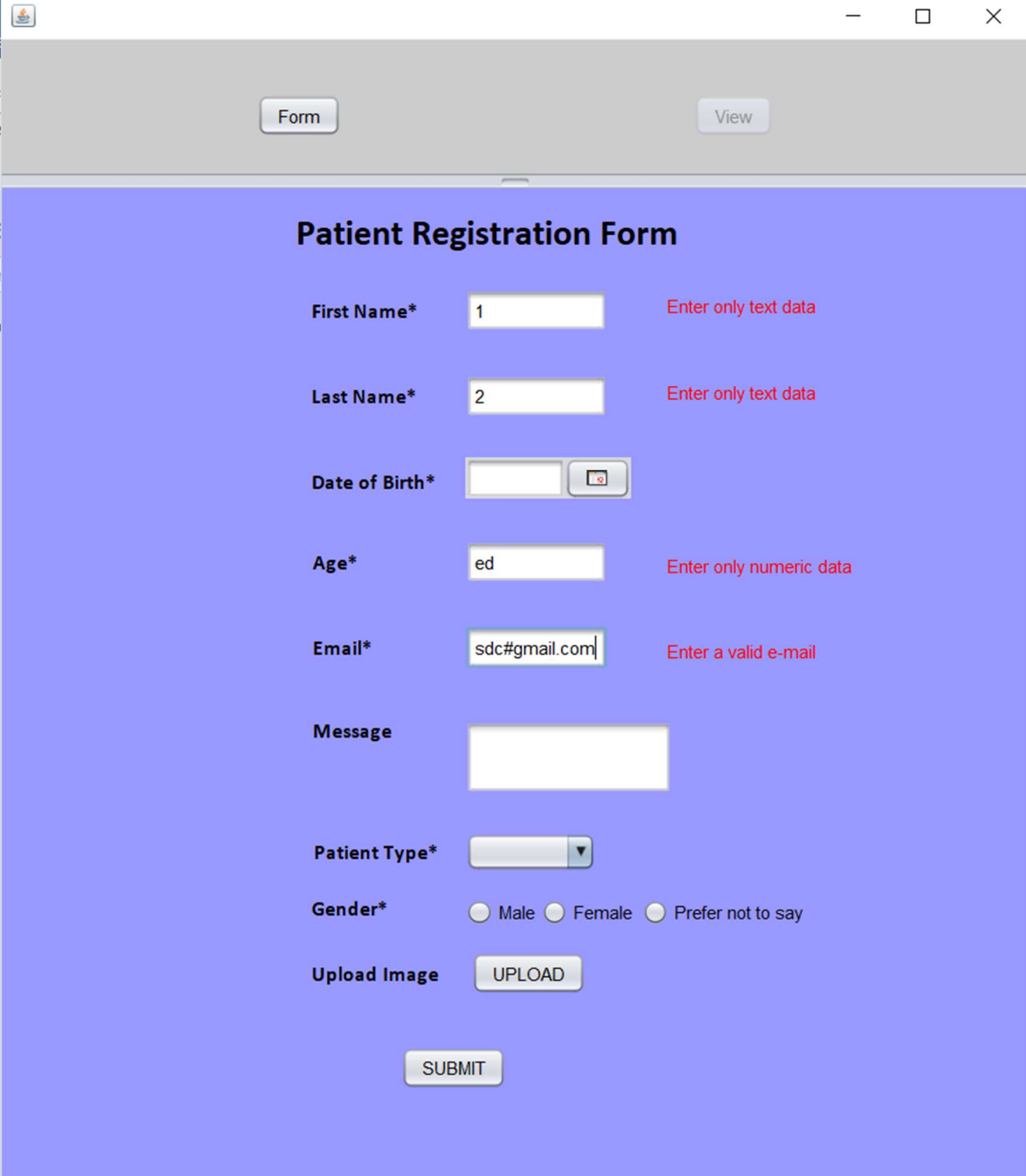
The screenshot shows a web application window titled "Patient Registration Form". The form is set against a light blue background. At the top of the window, there are two buttons: "Form" and "View". The form fields include:

- First Name***: A text input field.
- Last Name***: A text input field.
- Date of Birth***: A date picker widget.
- Age***: A text input field.
- Patient Type***: A dropdown menu.
- Gender***: Three radio buttons labeled "Male", "Female", and "Prefer not to say".
- Upload Image**: A button labeled "UPLOAD".

A modal message box is displayed in the center of the form. It has a title bar "Message" and a close button (X). The message box contains an information icon (i) and the text "Missing data in one or more mandatory fields". There is an "OK" button at the bottom right of the message box.

At the bottom of the form, there is a "SUBMIT" button.

4) Validation is performed on all mandatory text boxes.




The screenshot shows a web browser window with a "Patient Registration Form". The form has a light blue background and a grey header bar with "Form" and "View" buttons. The form fields and their validation messages are as follows:

- First Name***: Input field contains "1". Validation message: "Enter only text data".
- Last Name***: Input field contains "2". Validation message: "Enter only text data".
- Date of Birth***: Input field is empty, next to a calendar icon.
- Age***: Input field contains "ed". Validation message: "Enter only numeric data".
- Email***: Input field contains "sdc#gmail.com". Validation message: "Enter a valid e-mail".
- Message**: A large empty text area.
- Patient Type***: A dropdown menu.
- Gender***: Three radio buttons labeled "Male", "Female", and "Prefer not to say".
- Upload Image**: A button labeled "UPLOAD".

A "SUBMIT" button is located at the bottom of the form.

5) Once the patient registration form is correctly filled out and submitted, a message indicating successful Sata submission is displayed.



The screenshot shows a web application window titled "Patient Registration Form". The form is set against a light blue background. At the top of the window, there are two buttons: "Form" and "View". The form fields are as follows:

- First Name***: Text input field containing "Praveen".
- Last Name***: Text input field containing "Venkateshan".
- Date of Birth***: Date picker showing ".Oct-2023".
- Age***: Text input field containing "25".
- Patient Type***: Dropdown menu showing "out-patient".
- Gender***: Radio buttons for "Male" (selected), "Female", and "Prefer not to say".
- Upload Image**: An "UPLOAD" button and a file path "C:\Users\Admin\Desktop\IMG_1178 copy.jpg".

A modal message box is overlaid on the form, titled "Message". It contains an information icon (i) and the text "Data submitted successfully". There is an "OK" button at the bottom right of the message box. At the bottom of the form, there is a "SUBMIT" button.

6) The View button is enabled after successfully submitting patient data, and users can click on it to view the submitted data.



View Patient Form	
First Name	Praveen
Last Name	Venkateshan
Date of Birth	06-Oct-2023
Age	25
Email	praveen@gmail.com
Message	Hello!
Patient Type	out-patient
Gender	Male

7) **Bonus Part:** A date chooser picker has been added for the date of birth field.

FormView


Patient Registration Form

First Name*

Last Name*

Date of Birth*

.Oct-2023



October

2023

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
40	1	2	3	4	5	6	7
41	8	9	10	11	12	13	14
42	15	16	17	18	19	20	21
43	22	23	24	25	26	27	28
44	29	30	31				

Patient Type*

Gender*

☐ Male ☐ Female ☐ Prefer not to say

Upload Image

UPLOAD

SUBMIT