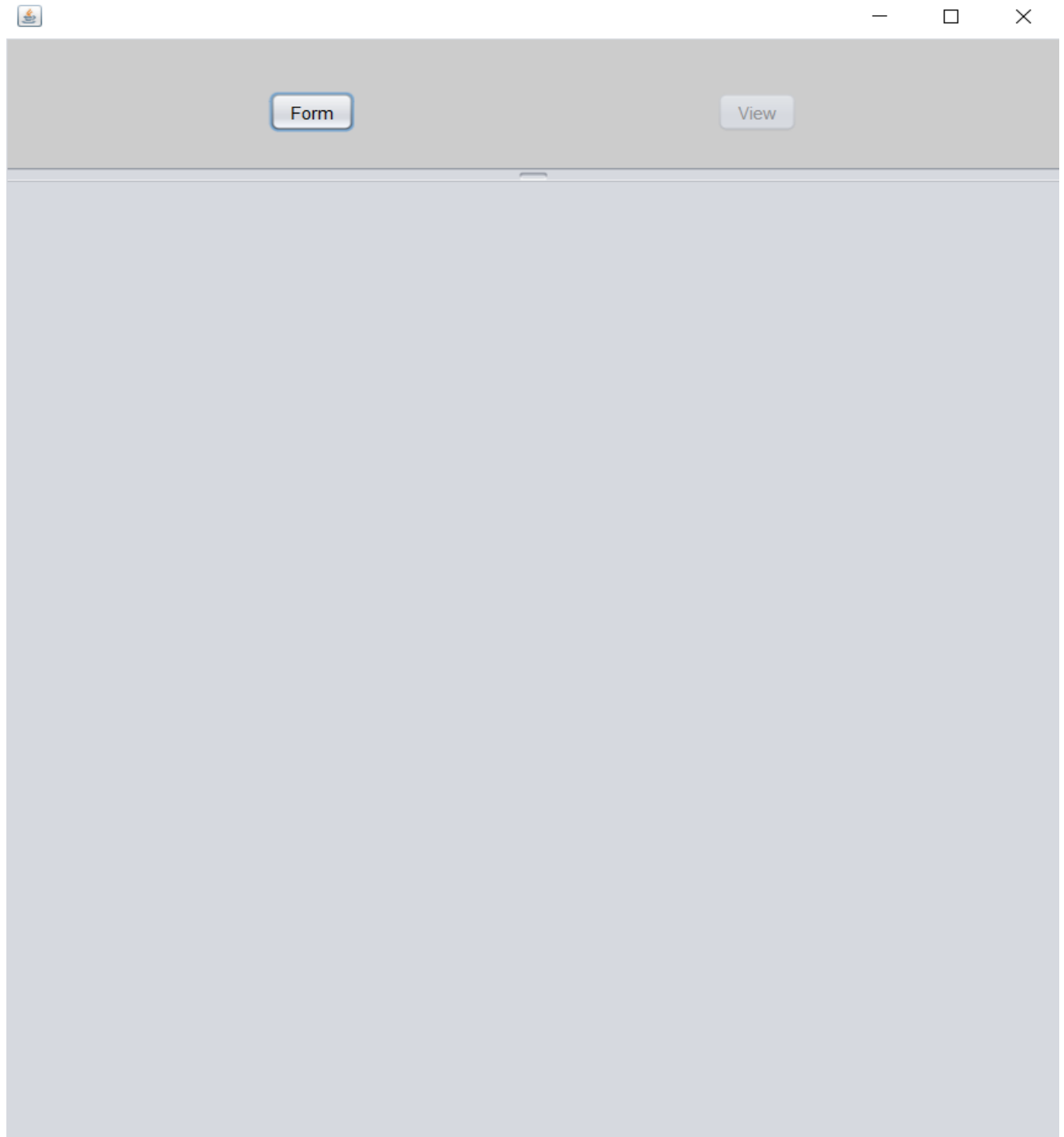


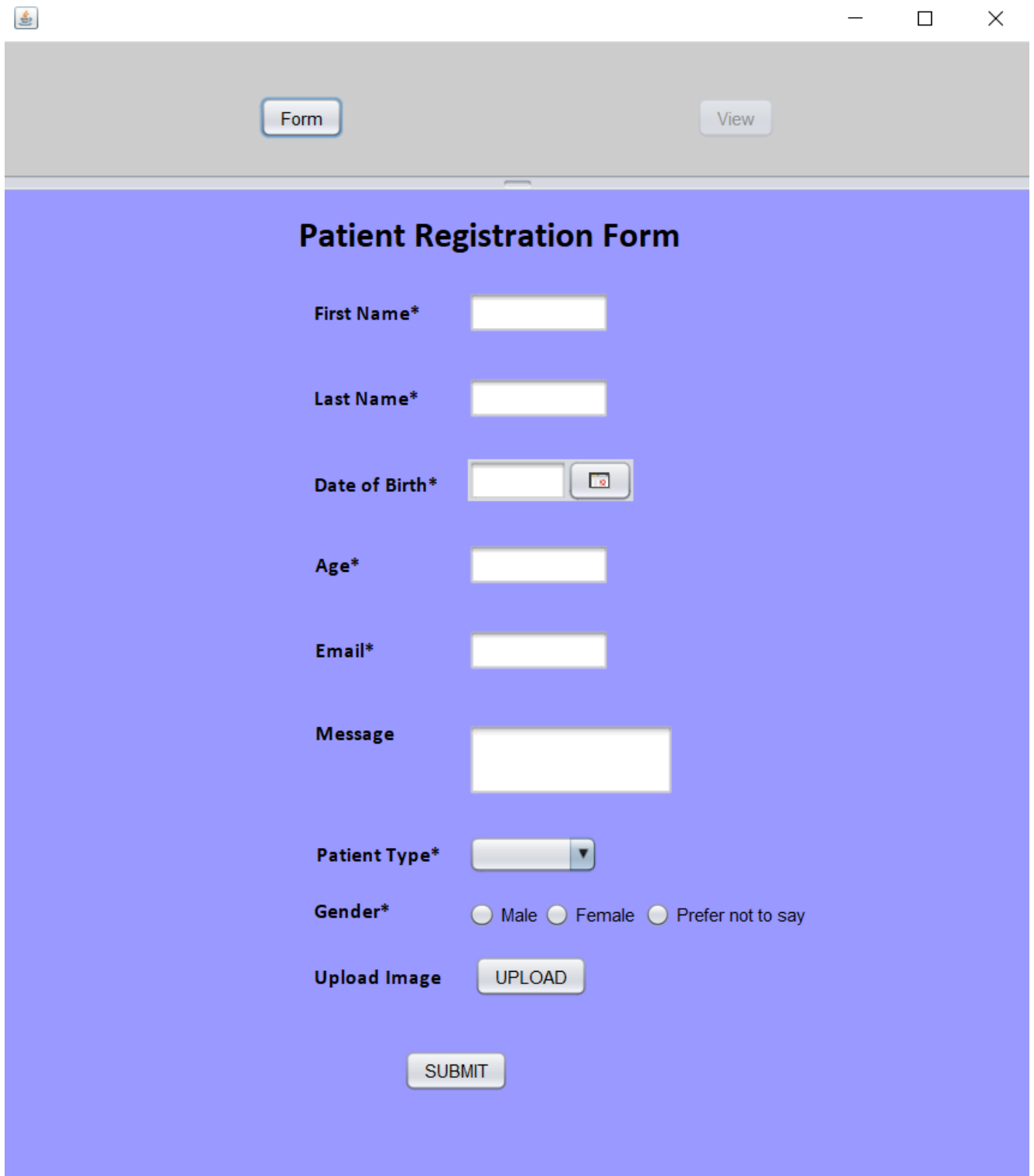
## Lab 4 - Navigation flow in Java Swing

### 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.



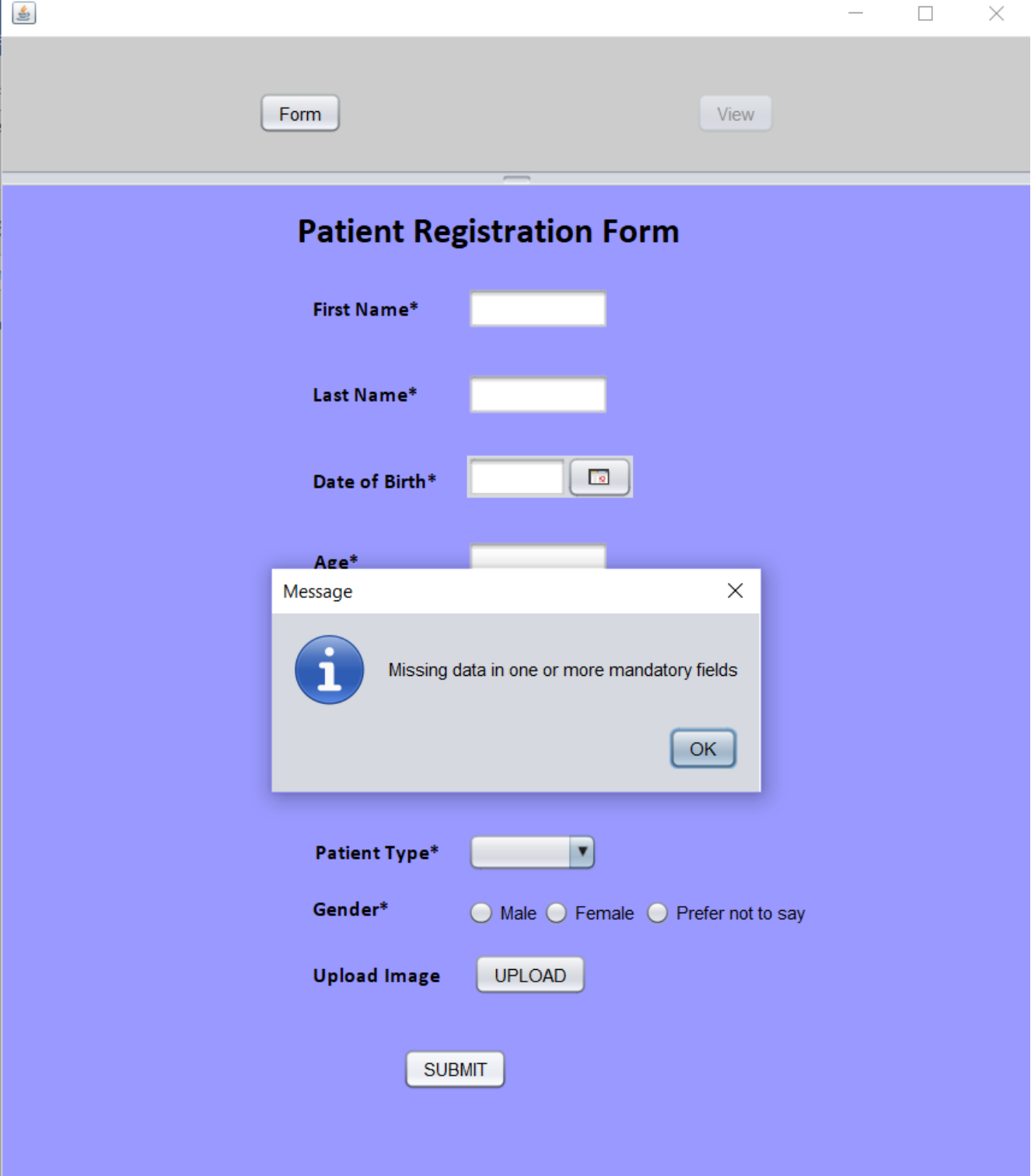
2) The Patient Registration Form and its components are displayed in the bottom panel.



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 navigation bar 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.
- 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.

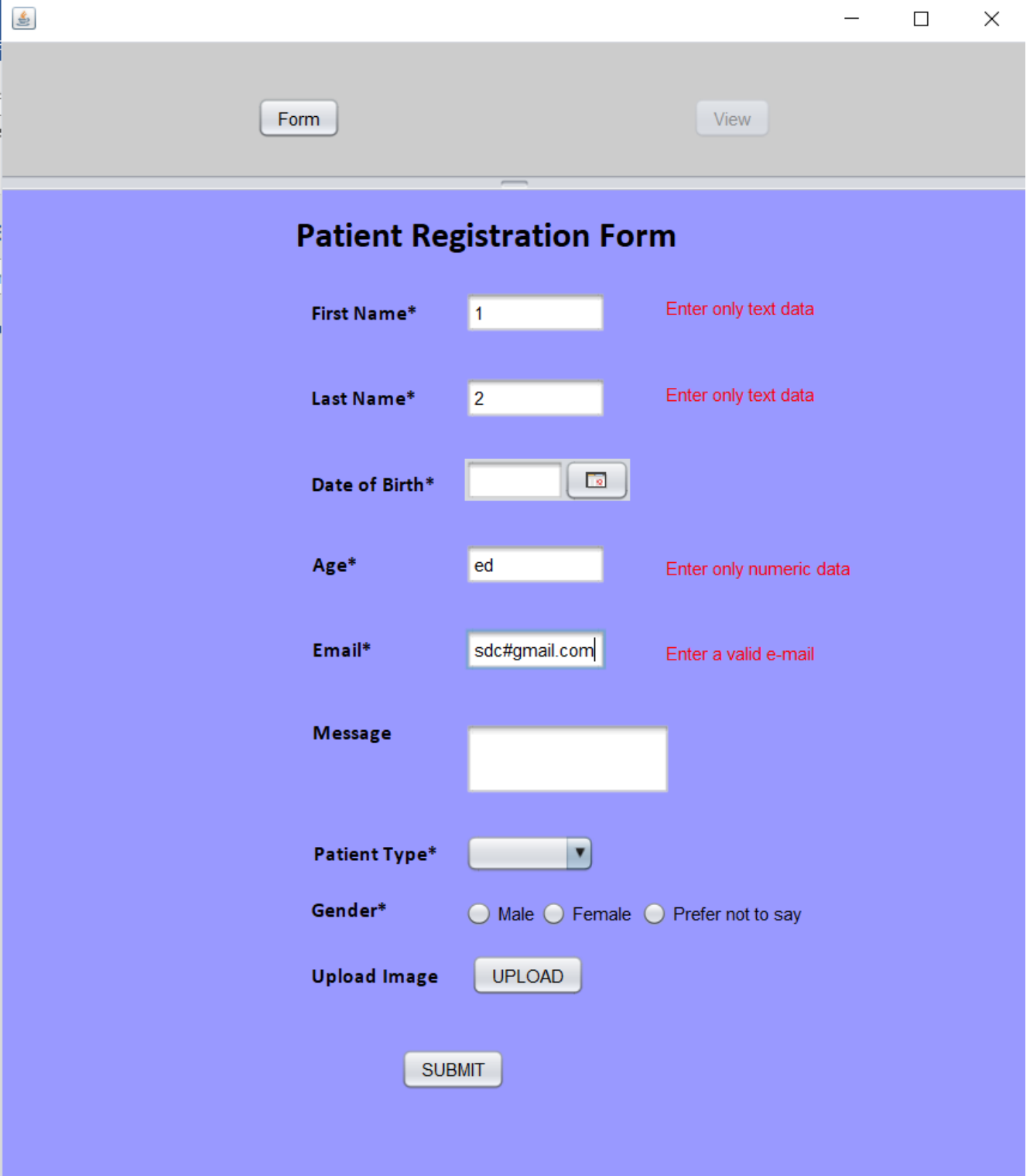


The screenshot shows a web application window titled "Patient Registration Form". The window has a grey header bar with "Form" and "View" buttons. The main content area has a light blue background. The form contains the following fields:

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

A modal dialog box titled "Message" is displayed in the center of the form. It contains an information icon (a lowercase 'i' inside a blue circle) and the text "Missing data in one or more mandatory fields". There is an "OK" button at the bottom right of the dialog box.

4) Validation is performed on all mandatory text boxes.



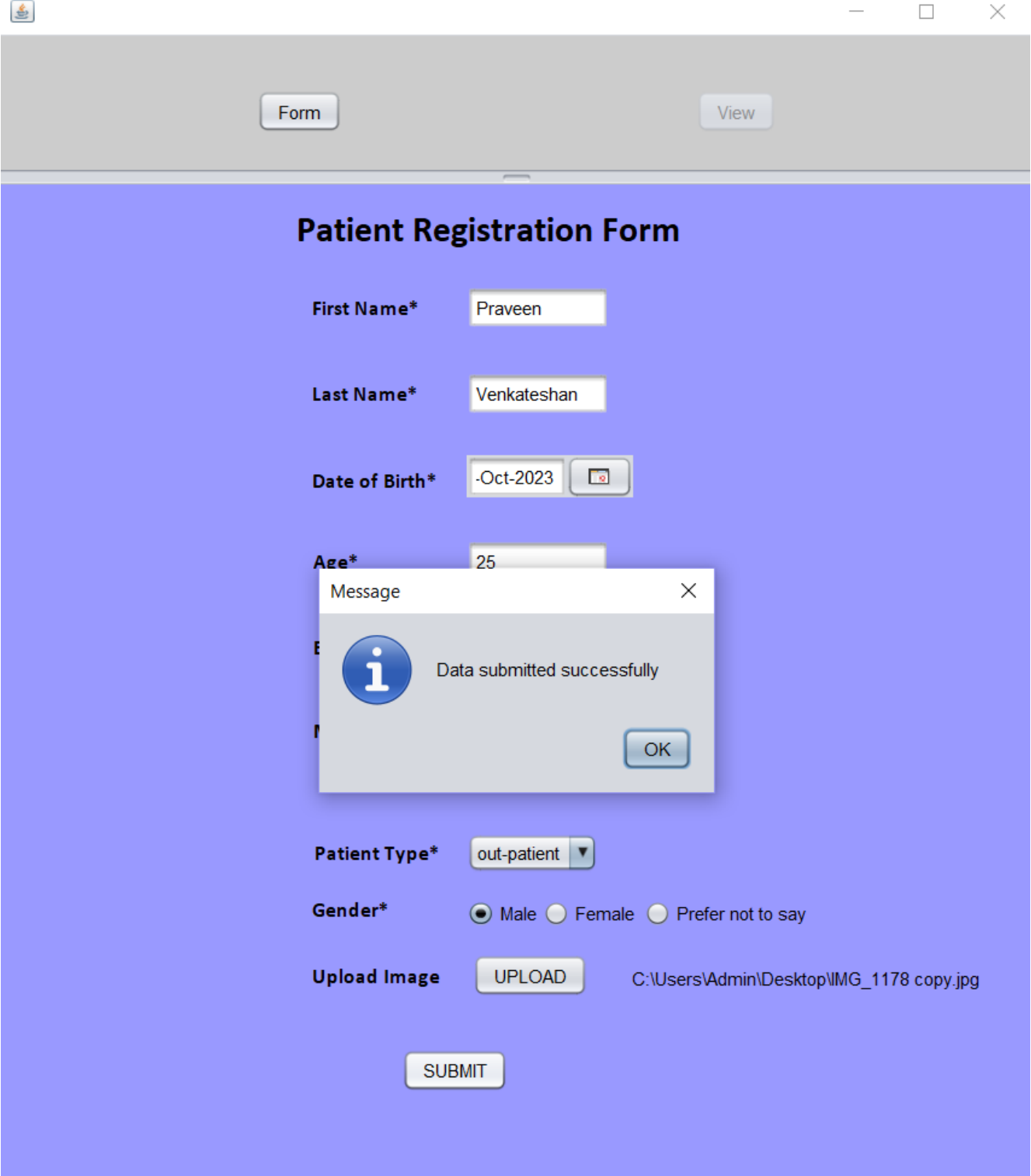
The screenshot shows a web application window titled "Patient Registration Form". The window has a grey header bar with a "Form" button on the left and a "View" button on the right. The main content area has a light blue background. The form contains several fields with validation messages in red text:

- First Name\***: A text input field containing the number "1". To its right is the red text "Enter only text data".
- Last Name\***: A text input field containing the number "2". To its right is the red text "Enter only text data".
- Date of Birth\***: A date picker widget with a calendar icon.
- Age\***: A text input field containing the text "ed". To its right is the red text "Enter only numeric data".
- Email\***: A text input field containing "sdc#gmail.com". To its right is the red text "Enter a valid e-mail".
- Message**: A large 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".

At the bottom center of the form is a "SUBMIT" button.

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

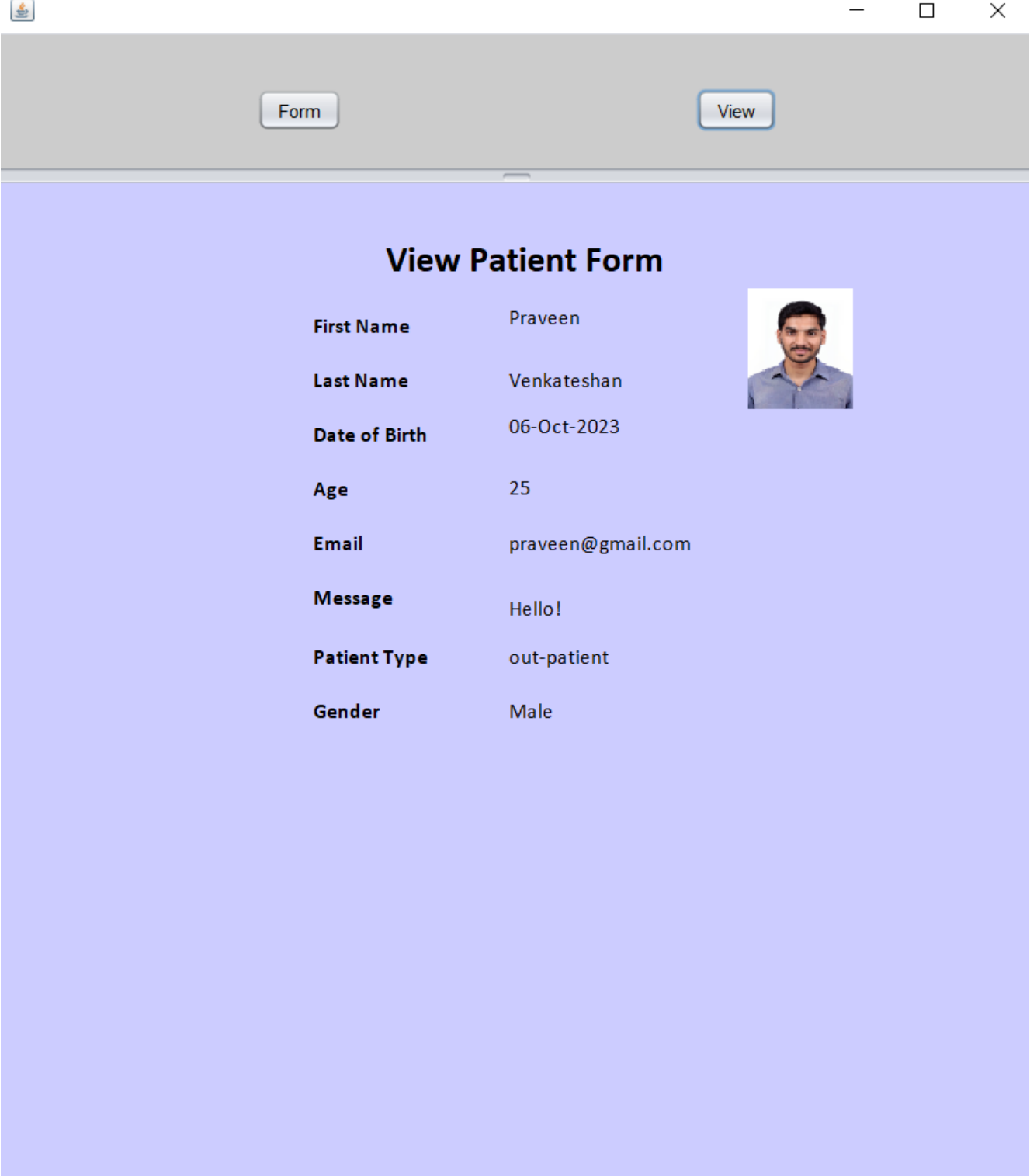


The screenshot shows a web application window titled "Patient Registration Form". The form is set against a light blue background. At the top of the window, there are two buttons: "Form" and "View". The form fields are as follows:

- First Name\***: Text input containing "Praveen".
- Last Name\***: Text input containing "Venkateshan".
- Date of Birth\***: Date picker showing "-Oct-2023" with a calendar icon.
- Age\***: Text input 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".

At the bottom of the form is a "SUBMIT" button. A modal message box is overlaid on the form, titled "Message", with an information icon and the text "Data submitted successfully". It has an "OK" button.

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



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 bar with two buttons: 'Form' and 'View'. The 'View' button is highlighted with a blue border. The main content area has a light blue background and is titled 'View Patient Form' in bold black text. To the right of the form fields is a small square profile picture of a man with dark hair and a beard, wearing a blue shirt. The form fields are arranged in two columns, with labels in bold black text and values in a regular black font.

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

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

Form

View

## 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