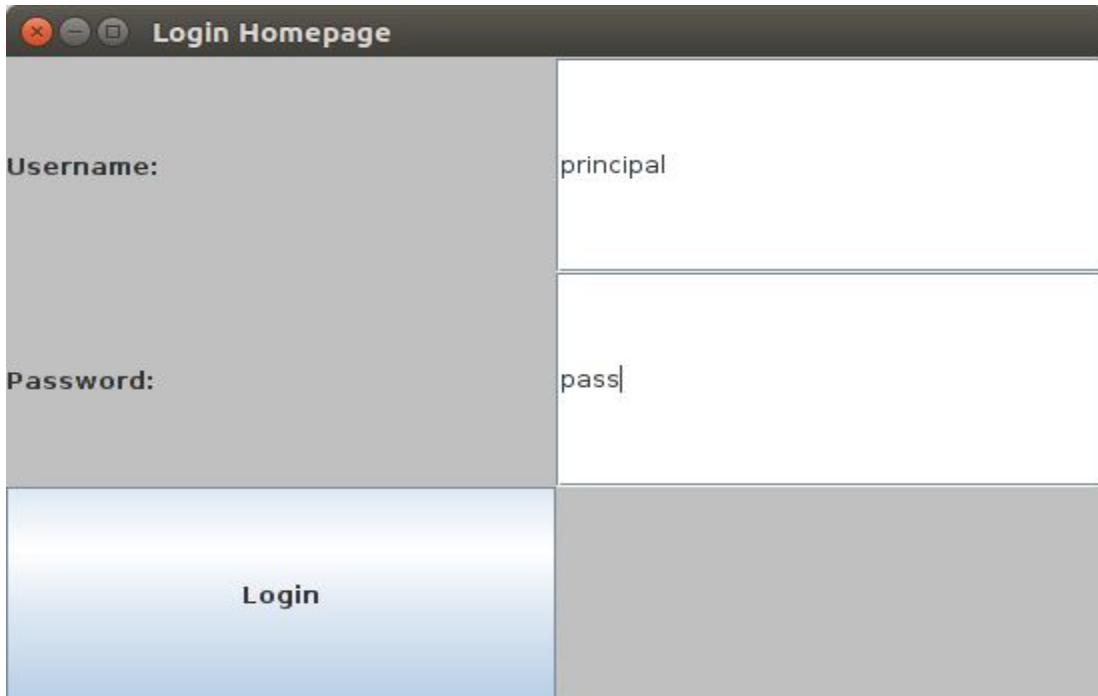


-**Login homepage** where user accesses either regular user login or principal login.



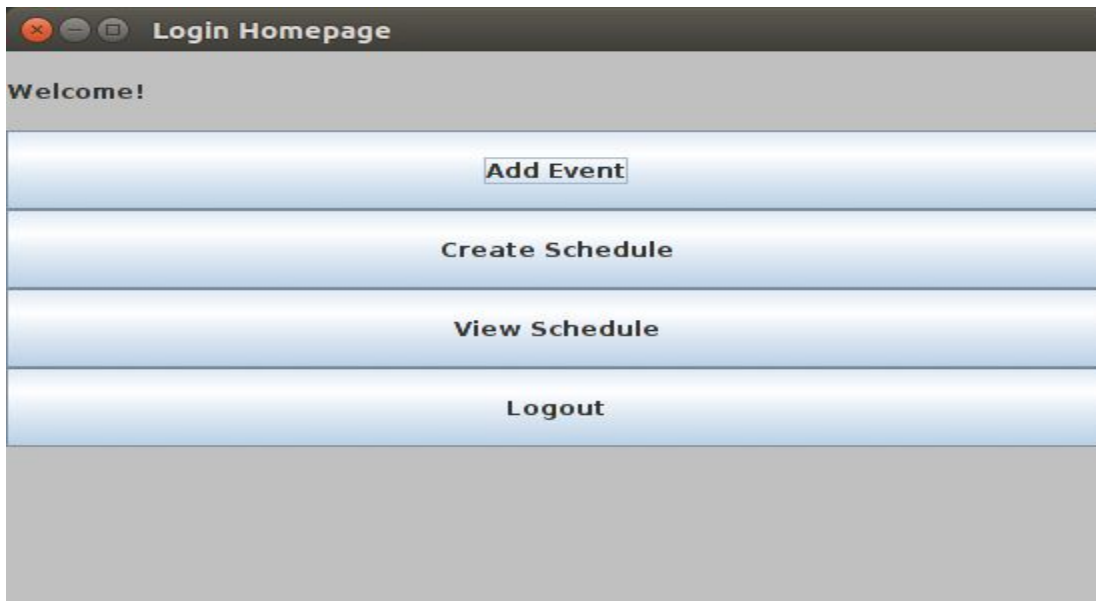
The screenshot shows a window titled "Login Homepage" with a dark title bar. The window has a light blue gradient background. It is divided into two horizontal sections. The top section contains a button labeled "Principal Login". The bottom section contains a button labeled "User Login".

-**Principal login page** which, which verifies valid usernames and passwords from PrincipalPass.txt



The screenshot shows a window titled "Login Homepage" with a dark title bar. The window is divided into three main sections. The top-left section is a gray area containing the labels "Username:" and "Password:". To the right of these labels are two white input fields. The top input field contains the text "principal". The bottom input field contains the text "pass". Below the input fields is a blue button labeled "Login". The bottom-right section of the window is a gray area.

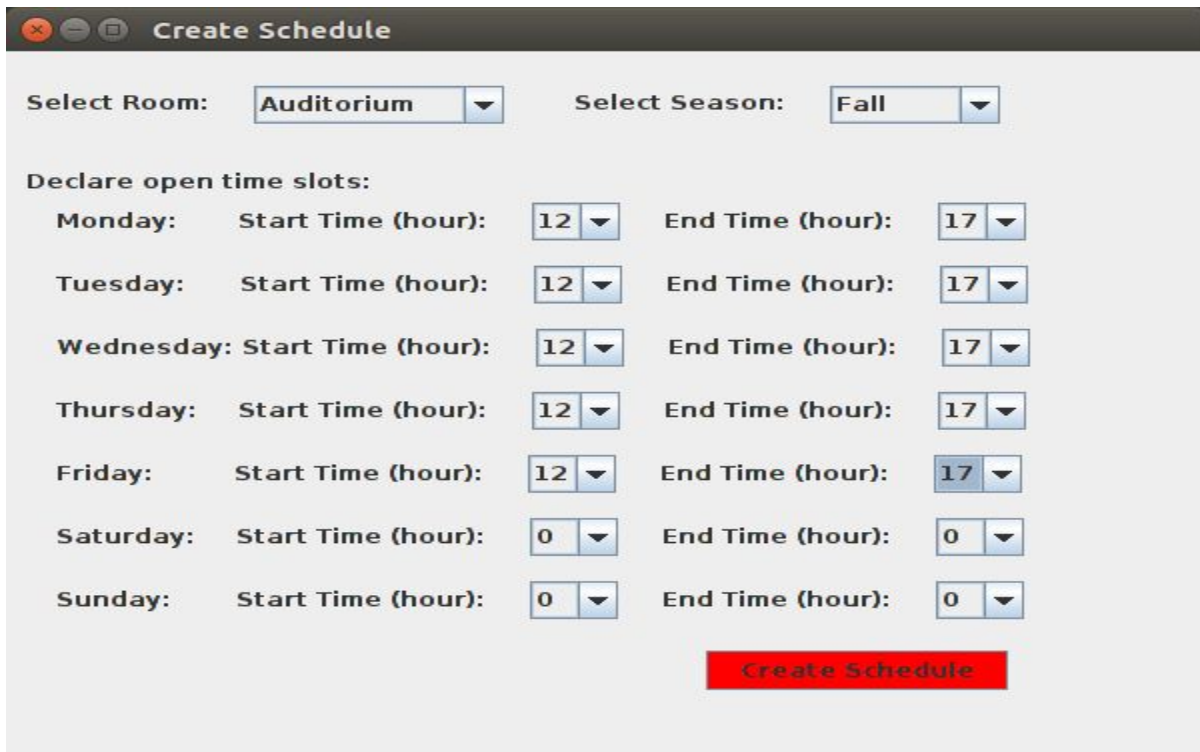
-**Principal home screen** with buttons to access all of the features the principal can use.



A screenshot of a web application window titled "Login Homepage". The window has a grey header bar with the title. Below the header, there is a grey bar with the text "Welcome!". The main content area is a vertical stack of four light blue buttons with black text: "Add Event", "Create Schedule", "View Schedule", and "Logout". The bottom of the window is a grey bar.

-**Create schedule page**, where the principal can select a room, select a season and then specify the available hours for each day of the week, and finally finalize the schedule.

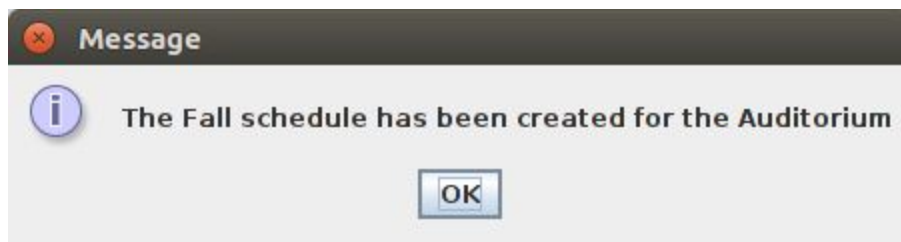
-When the "Create Schedule" button is pushed, the data is then formatted and added to the text file Schedules.txt (or creates it).



A screenshot of a web application window titled "Create Schedule". The window has a grey header bar with the title. Below the header, there is a form with two dropdown menus: "Select Room:" with "Auditorium" selected and "Select Season:" with "Fall" selected. Below these, there is a section titled "Declare open time slots:". This section contains a table with seven rows, one for each day of the week. Each row has two columns: "Start Time (hour):" and "End Time (hour):". The start times are 12 for Monday through Friday, 0 for Saturday and Sunday. The end times are 17 for Monday through Friday, 0 for Saturday and Sunday. At the bottom right of the form, there is a red button with the text "Create Schedule".

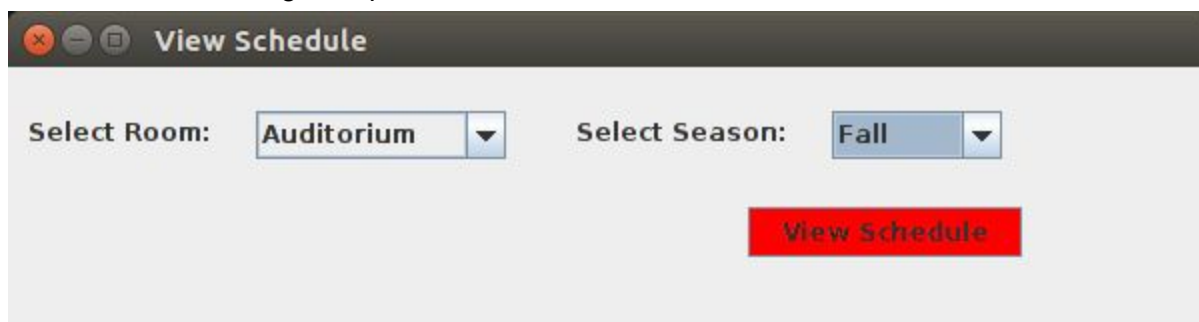
Day	Start Time (hour)	End Time (hour)
Monday	12	17
Tuesday	12	17
Wednesday	12	17
Thursday	12	17
Friday	12	17
Saturday	0	0
Sunday	0	0

-Popup message upon schedule creation.



-**View schedule** page where the principal can select a room and season, and then view the available hours for the specified room/location.

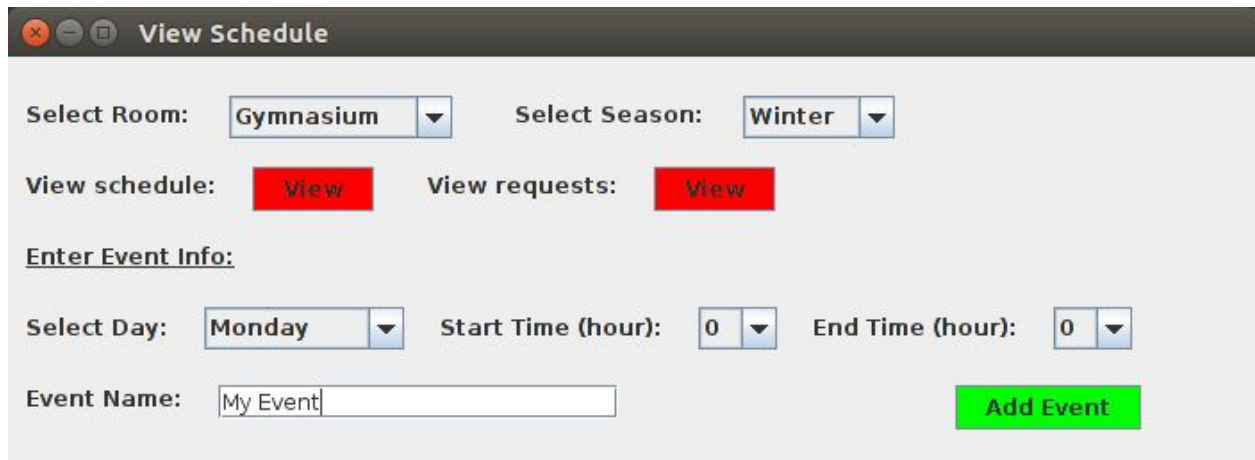
-When the "View Schedule" button is clicked, the program searches Schedules.txt, and returns the schedule matching the specified room and season.



-**Popup message** that displays the available hours for each day of the week for the specified schedule.



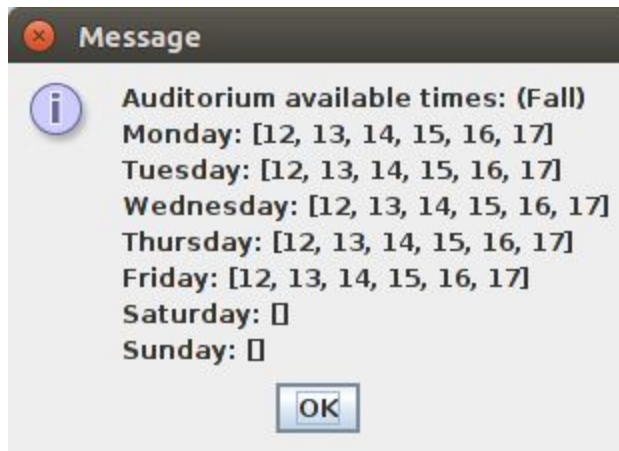
-**Add event page**, where the principal can view the open time slots for a certain schedule, and can view requested event for a certain room/season. The principal can then add an event at the bottom of the page, which adds it to the Events.txt file.



The 'View Schedule' form contains the following elements:

- Select Room:** A dropdown menu with 'Gymnasium' selected.
- Select Season:** A dropdown menu with 'Winter' selected.
- View schedule:** A red button labeled 'View'.
- View requests:** A red button labeled 'View'.
- Enter Event Info:** A section header.
- Select Day:** A dropdown menu with 'Monday' selected.
- Start Time (hour):** A dropdown menu with '0' selected.
- End Time (hour):** A dropdown menu with '0' selected.
- Event Name:** A text input field containing 'My Event'.
- Add Event:** A green button.

-**Popup** after the principal clicks view schedule. This popup displays the available hours for the specified room/season.

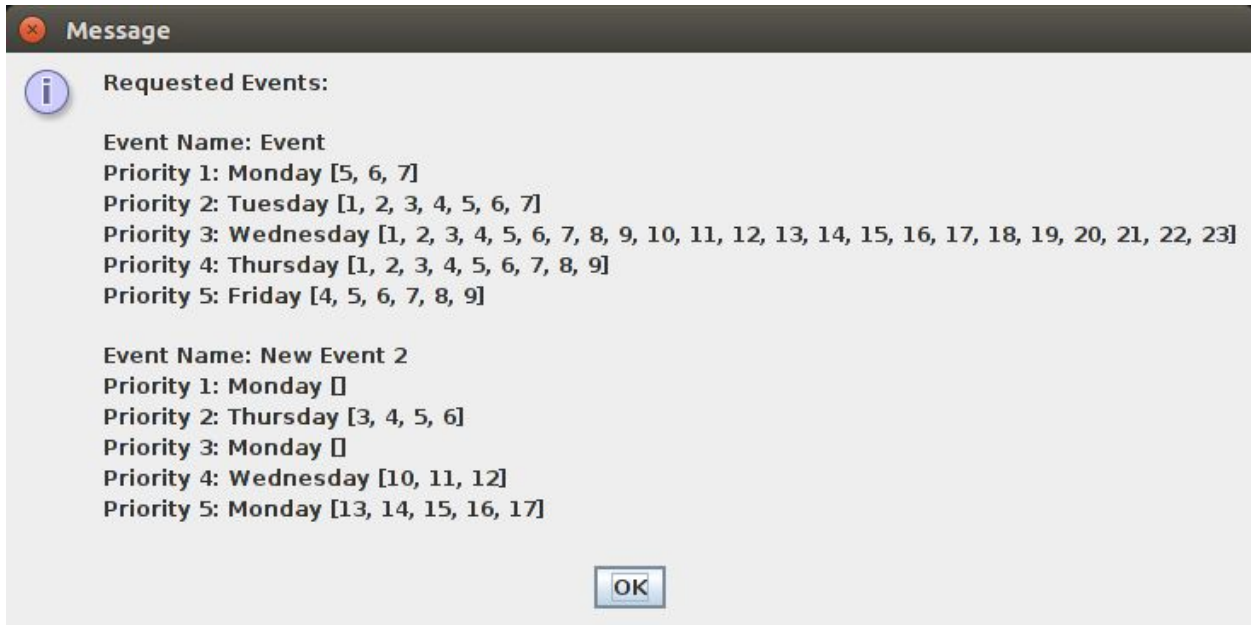


The 'Message' popup displays the following information:

- Auditorium available times: (Fall)**
- Monday:** [12, 13, 14, 15, 16, 17]
- Tuesday:** [12, 13, 14, 15, 16, 17]
- Wednesday:** [12, 13, 14, 15, 16, 17]
- Thursday:** [12, 13, 14, 15, 16, 17]
- Friday:** [12, 13, 14, 15, 16, 17]
- Saturday:** []
- Sunday:** []

An 'OK' button is located at the bottom of the popup.

-**Popup** after the principal clicks view requests. This popup displays the requested events for the specified room/season.



A message popup window titled "Message" with a close button (X) and an information icon (i). The window displays two sections of requested events. The first section is for "Event Name: Event" and lists priorities 1 through 5 with their respective days and ranges. The second section is for "Event Name: New Event 2" and lists priorities 1 through 5 with their respective days and ranges. An "OK" button is located at the bottom right of the window.

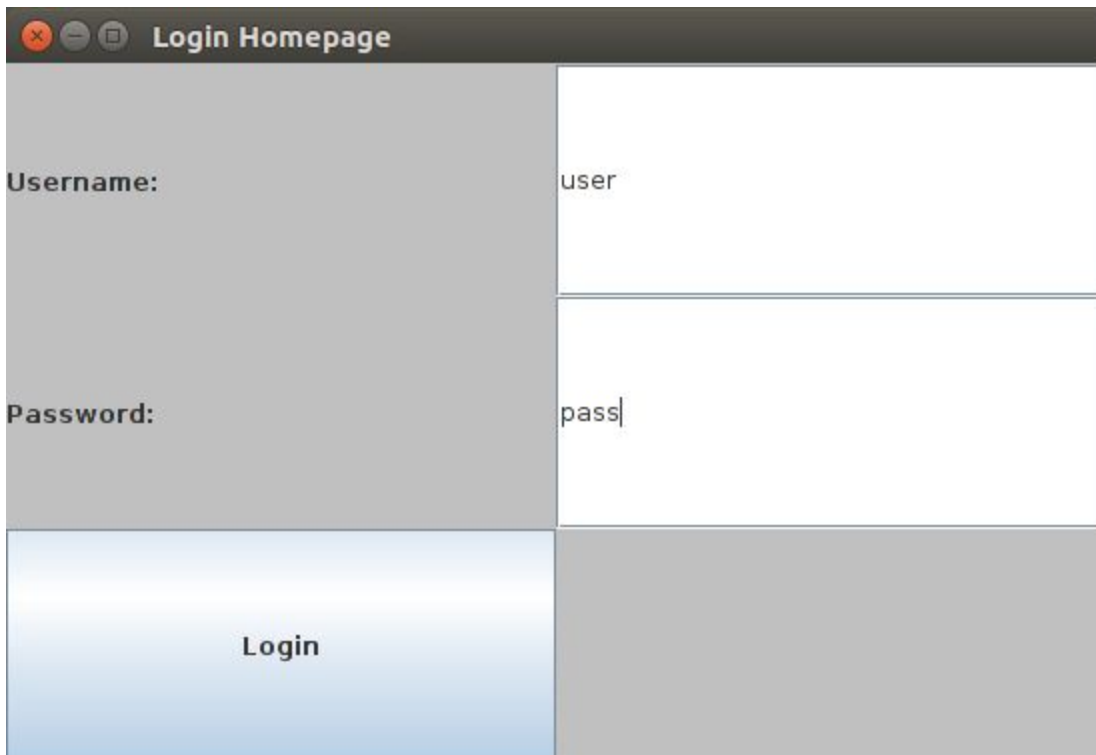
**Requested Events:**

Event Name: Event  
Priority 1: Monday [5, 6, 7]  
Priority 2: Tuesday [1, 2, 3, 4, 5, 6, 7]  
Priority 3: Wednesday [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23]  
Priority 4: Thursday [1, 2, 3, 4, 5, 6, 7, 8, 9]  
Priority 5: Friday [4, 5, 6, 7, 8, 9]

Event Name: New Event 2  
Priority 1: Monday []  
Priority 2: Thursday [3, 4, 5, 6]  
Priority 3: Monday []  
Priority 4: Wednesday [10, 11, 12]  
Priority 5: Monday [13, 14, 15, 16, 17]

OK

-User login page.



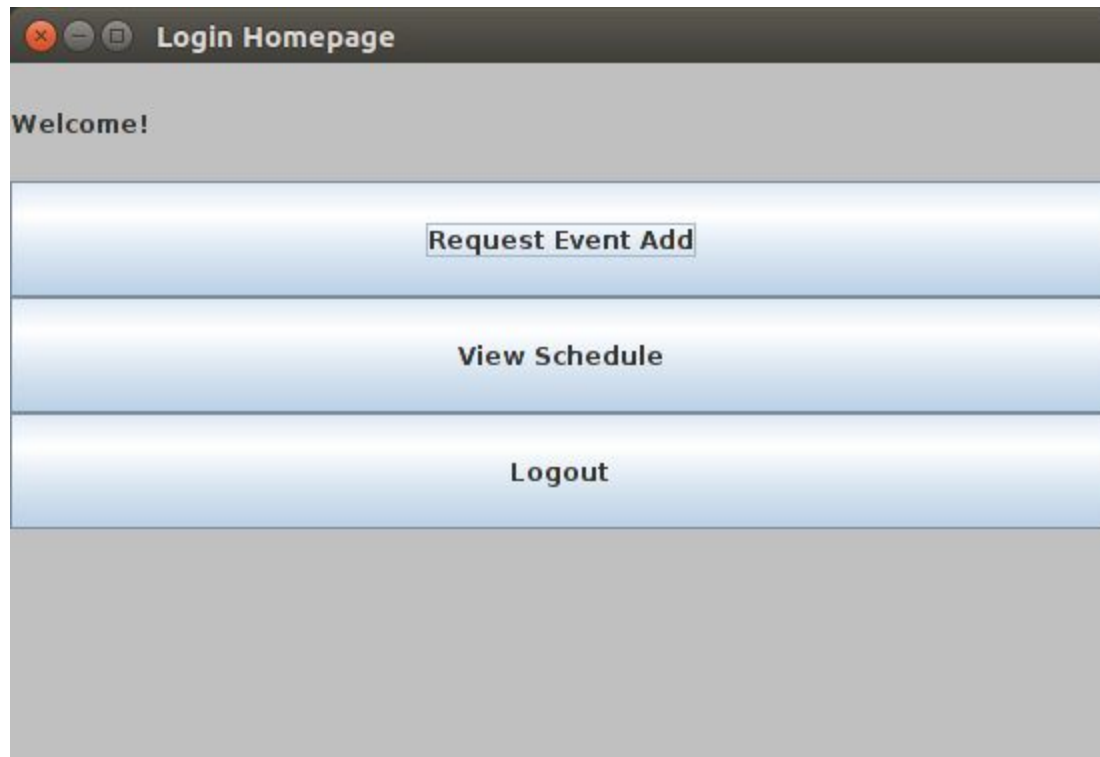
A user login page window titled "Login Homepage" with standard window controls (X, -, maximize). The page has a light gray background. On the left, there are labels for "Username:" and "Password:". To the right of these labels are two white input fields. The first field contains the text "user" and the second field contains the text "pass". At the bottom left, there is a blue button with the text "Login".

Username: user

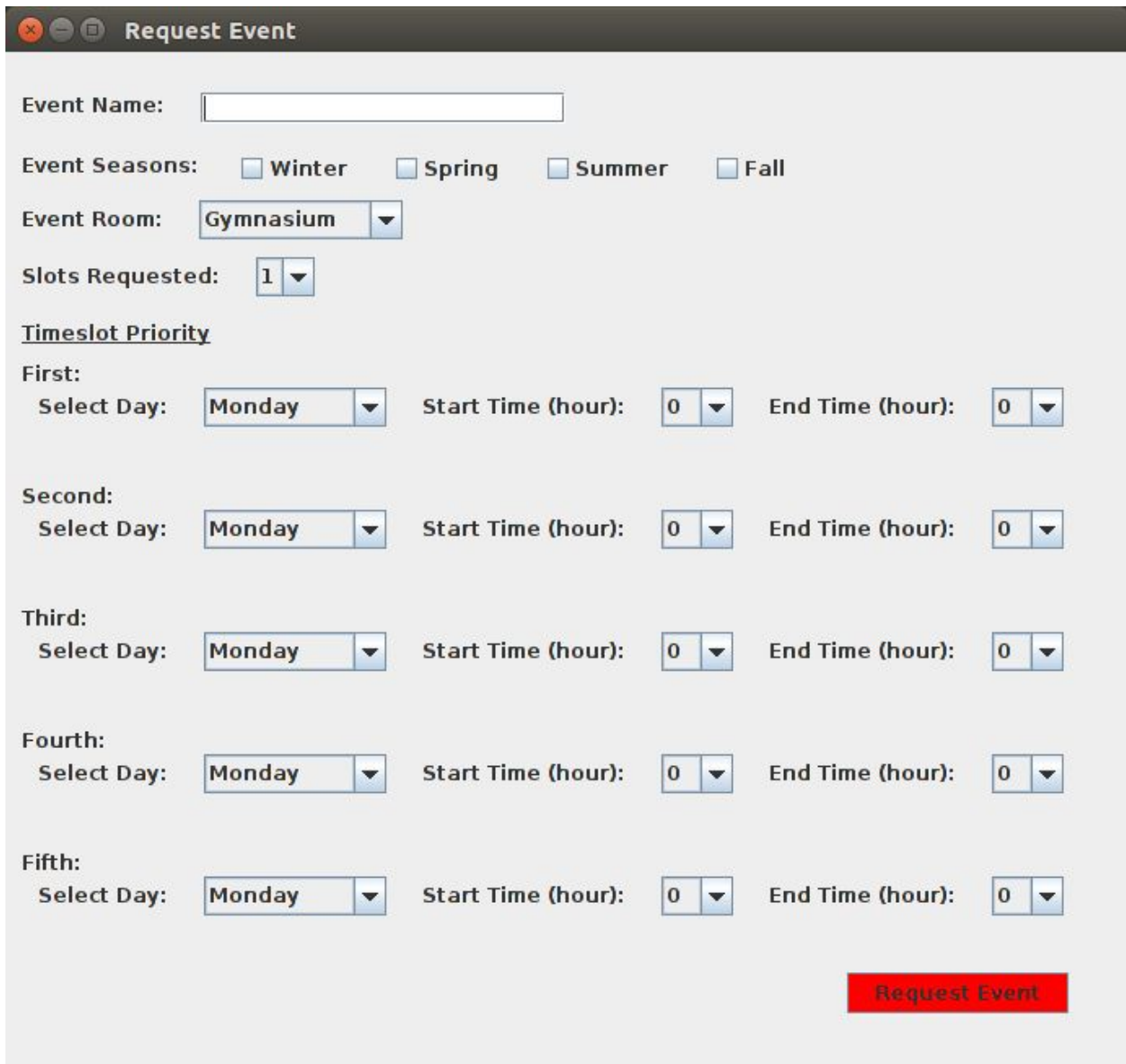
Password: pass

Login

-**User home screen** with buttons to access all of the features the user can use.



-**Request event page** where the user specifies the details of the events, including the number of desired time slots (up to 5), and 5 desired time fields listed in descending priority. The program then adds the event to the file RequestedEvents.txt



The image shows a 'Request Event' window with a title bar containing standard OS window controls. The form includes an 'Event Name' text input field. Below it are four checkboxes for 'Event Seasons': Winter, Spring, Summer, and Fall. The 'Event Room' is a dropdown menu currently showing 'Gymnasium'. The 'Slots Requested' is a spinner box set to '1'. A section titled 'Timeslot Priority' contains five rows, each for a priority slot. Each row has a 'Select Day' dropdown (all set to 'Monday'), a 'Start Time (hour)' spinner (all set to '0'), and an 'End Time (hour)' spinner (all set to '0'). At the bottom right is a red 'Request Event' button.

Request Event

Event Name:

Event Seasons: ☐ Winter ☐ Spring ☐ Summer ☐ Fall

Event Room:

Slots Requested:

Timeslot Priority

First:  
Select Day:  Start Time (hour):  End Time (hour):

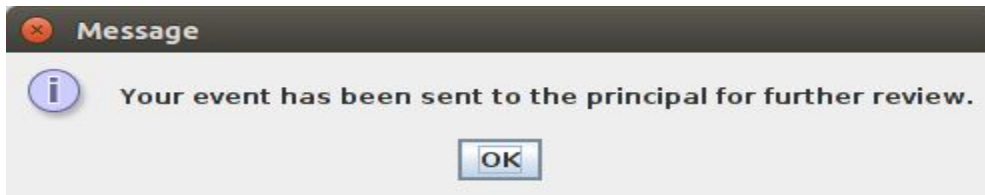
Second:  
Select Day:  Start Time (hour):  End Time (hour):

Third:  
Select Day:  Start Time (hour):  End Time (hour):

Fourth:  
Select Day:  Start Time (hour):  End Time (hour):


Fifth:  
Select Day:  Start Time (hour):  End Time (hour):

-**Popup** message after the user requests their event.

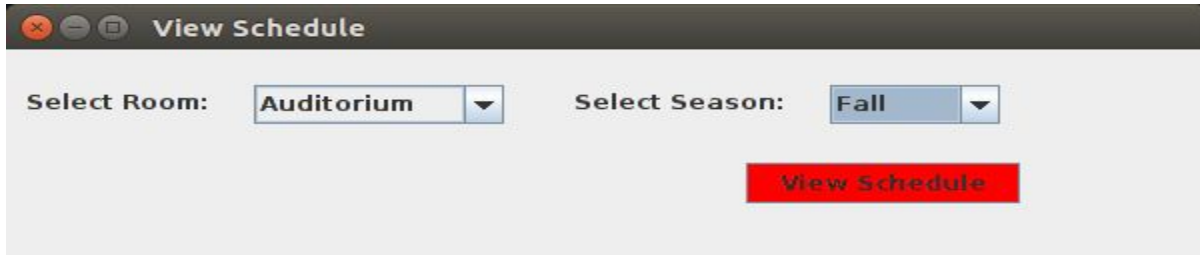


The image shows a 'Message' popup window with a title bar. It contains an information icon (i) and the text 'Your event has been sent to the principal for further review.' At the bottom is an 'OK' button.

Message

 Your event has been sent to the principal for further review.

-**View schedule** page where the user can select a room and season, and then view the available hours for the specified room/location.



The screenshot shows a window titled "View Schedule". It contains two dropdown menus: "Select Room:" with "Auditorium" selected, and "Select Season:" with "Fall" selected. Below these is a red button labeled "View Schedule".

-**Popup message** that displays the available hours for each day of the week for the specified schedule.



The screenshot shows a "Message" popup window. It contains an information icon (i) and the following text:

**Auditorium available times: (Fall)**  
Monday: [12, 13, 14, 15, 16, 17]  
Tuesday: [12, 13, 14, 15, 16, 17]  
Wednesday: [12, 13, 14, 15, 16, 17]  
Thursday: [12, 13, 14, 15, 16, 17]  
Friday: [12, 13, 14, 15, 16, 17]  
Saturday: []  
Sunday: []

At the bottom is an "OK" button.