

Computer Controls

Class Schedules

Records >

Account Management ▾

Student Record

Faculty Record

Web Filter

Add Faculty**Choose File** No file chosen**Upload****Faculty List**

Faculty Name	RFID	Actions
Justine M. Arandia	N/A	Current User
Daryn M. Jaralve	5771352	 
Martin D. Catacutan	N/A	 
Juan C. Dela Cruz	N/A	 
Bob C. Brown	N/A	 

Available RFIDs

No available RFIDs.

Figure 1. Faculty Record Page

This figure shows where the faculty accounts are managed.

Computer Controls

Class Schedules

Records >

Account Management ▾

Student Record

Faculty Record

Web Filter

Faculty Entry Form

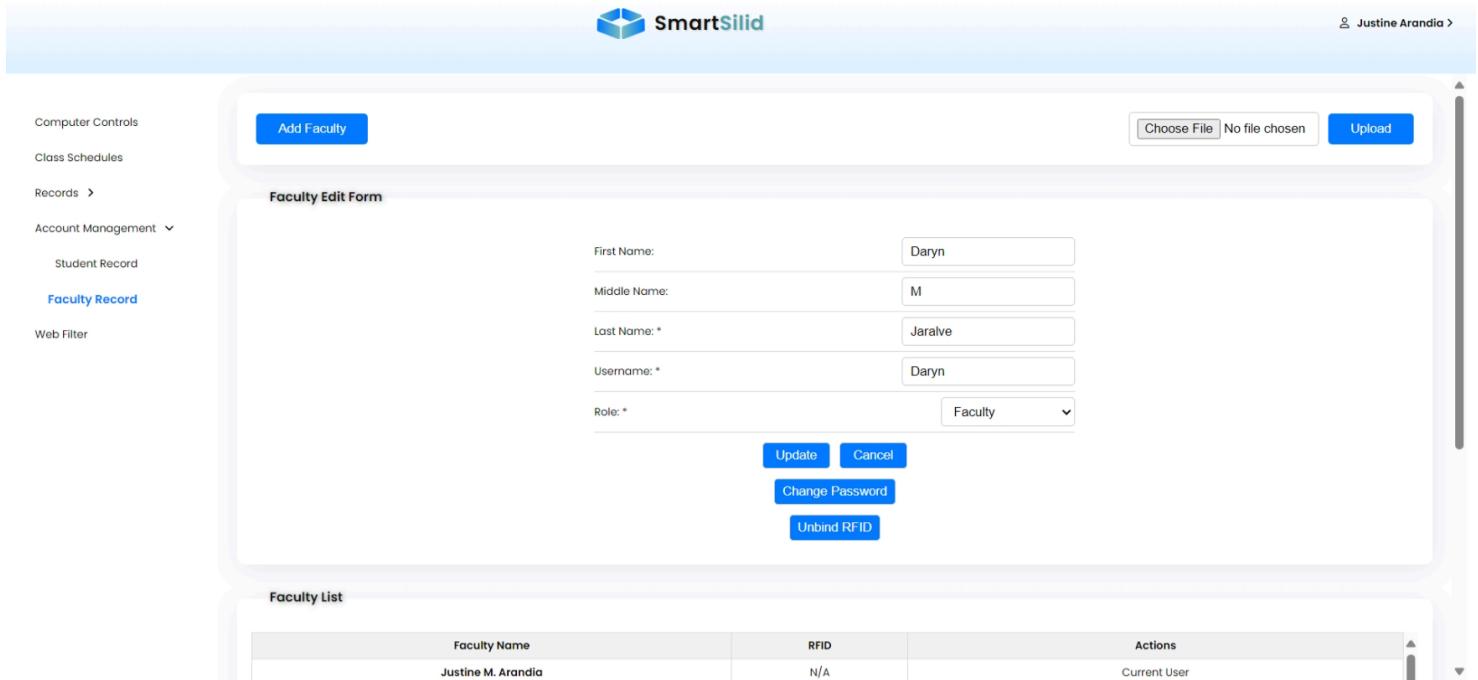
First Name: *	<input type="text" value="First Name"/>
Middle Initial: *	<input type="text" value="Middle Initial"/>
Last Name: *	<input type="text" value="Last Name"/>
Username: *	<input type="text" value=".."/>
User Type: *	<input type="button" value="Choose user type ▾"/>
Password: *	<input type="password"/>
Confirm Password: *	<input type="password"/>

Add Faculty**Cancel****Faculty List**

Faculty Name	RFID	Actions
Justine M. Arandia	N/A	Current User
Daryn M. Jaralve	5771352	 
Martin D. Catacutan	N/A	 
Juan C. Dela Cruz	N/A	 

Figure 1.1. Add Faculty Account Form

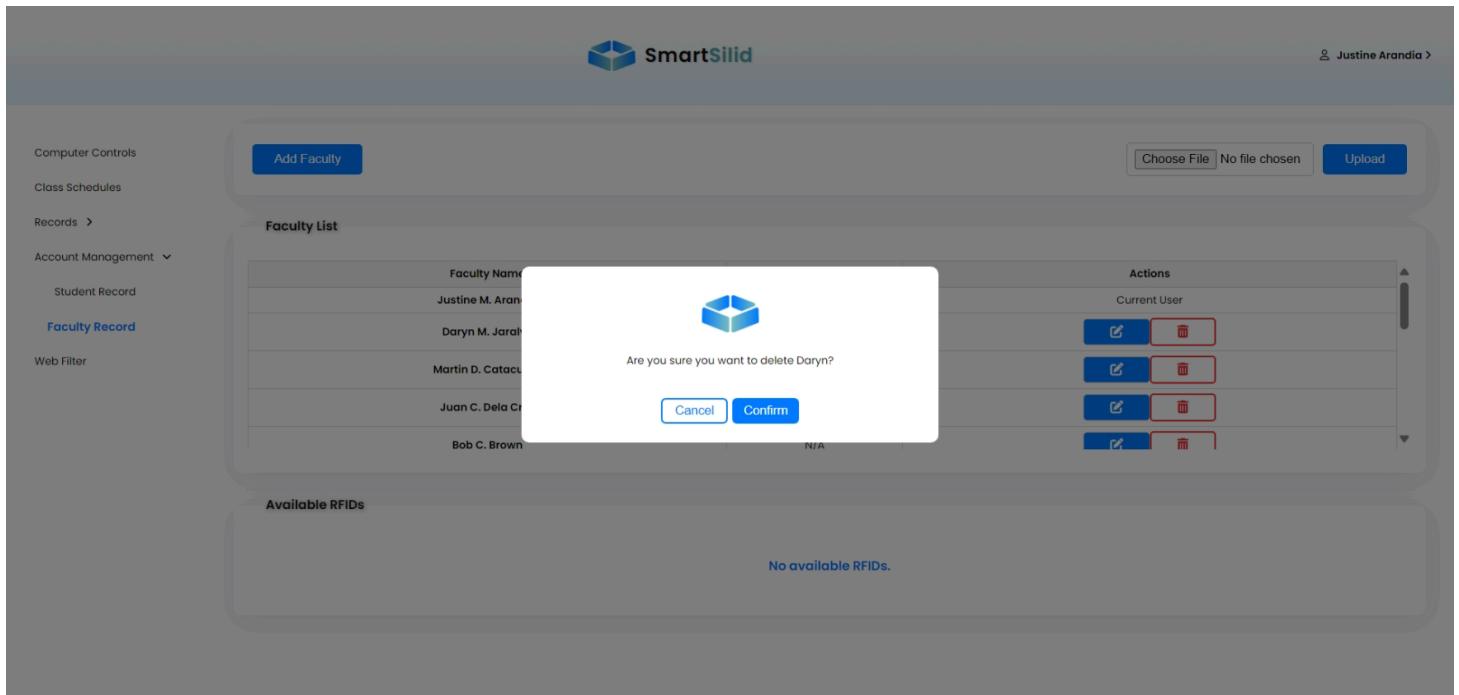
This figure shows the form for adding faculty accounts.



The screenshot shows the SmartSillid application interface. At the top right, there is a user profile icon and the text "Justine Arandia >". The main content area has a header "Faculty Edit Form". On the left, a sidebar lists navigation items: Computer Controls, Class Schedules, Records >, Account Management >, Student Record, Faculty Record (which is selected and highlighted in blue), and Web Filter. In the center, there is a form for editing faculty credentials. The fields include First Name (Daryn), Middle Name (M), Last Name (Jaralve), Username (Daryn), and Role (Faculty). Below the form are buttons for Update, Cancel, Change Password, and Unbind RFID. At the bottom, there is a "Faculty List" table with columns for Faculty Name (Justine M. Arandia) and RFID (N/A), and an Actions column showing "Current User".

Figure 1.2. Edit Faculty Credentials Form

This figure shows the form for editing the faculty credentials.



The screenshot shows the SmartSillid application interface with a modal dialog box in the foreground. The dialog box contains a blue cube icon and the text "Are you sure you want to delete Daryn?". It has two buttons at the bottom: "Cancel" and "Confirm". Behind the modal, the main content area shows a "Faculty List" table with five rows of data. The columns are Faculty Name (Justine M. Arandia, Daryn M. Jaralve, Martin D. Catacutan, Juan C. Dela Cruz, Bob C. Brown) and RFID (N/A). To the right of the table is an "Actions" column with edit and delete icons. At the bottom left, there is an "Available RFIDs" section with the message "No available RFIDs."

Figure 1.3. Delete Faculty Account Alert

This figure shows the alert when deleting faculty accounts.

The screenshot shows the SmartSillid student record management interface. On the left sidebar, there are links for Computer Controls, Class Schedules, Records > (with Account Management dropdown), Student Record (selected), Faculty Record, and Web Filter. The main content area has a header "Section List" with tabs A (selected), B, C, and D. Below this is an "Add Section" button, a file upload section ("Choose File No file chosen" and "Upload"), and a "Student List" table.

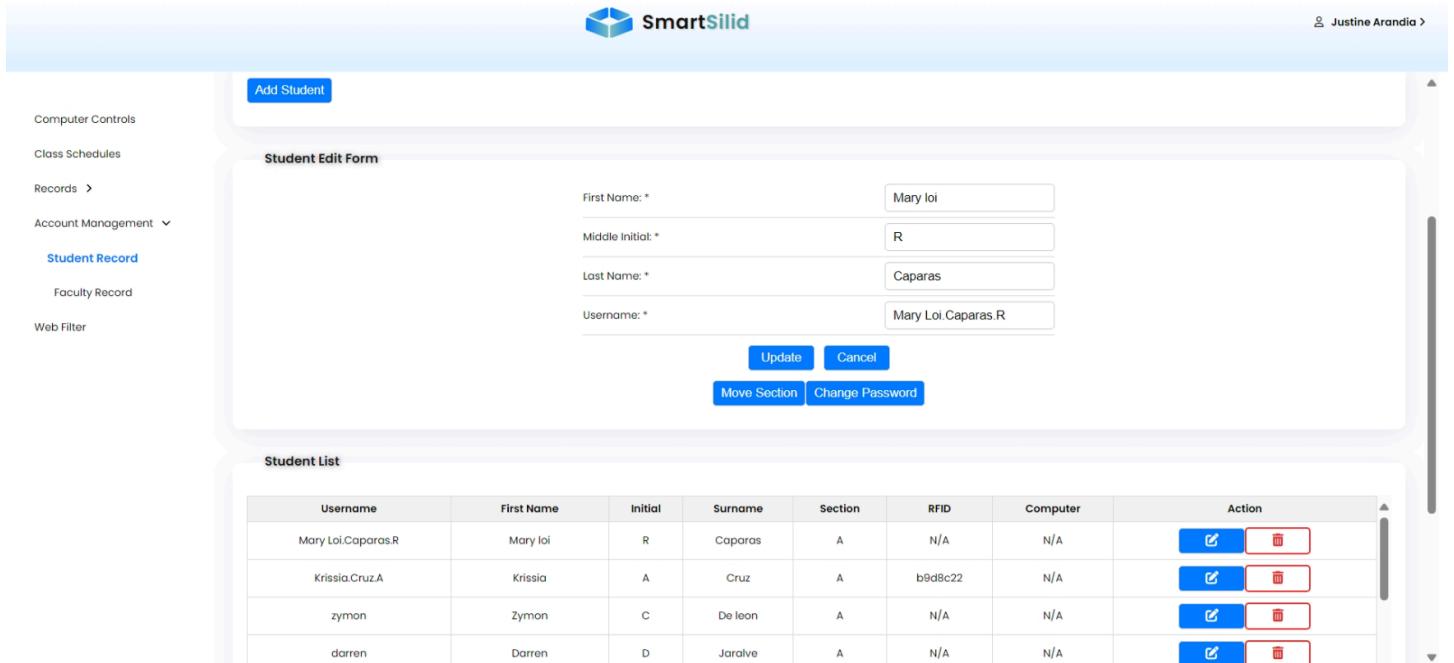
Username	First Name	Initial	Surname	Section	RFID	Computer	Action
Mary.Loi.Caparas.R	Mary loi	R	Caparas	A	N/A	N/A	<input checked="" type="checkbox"/> Delete
Krissia.Cruz.A	Krissia	A	Cruz	A	b9d8c22	N/A	<input checked="" type="checkbox"/> Delete
zymon	Zymon	C	De leon	A	N/A	N/A	<input checked="" type="checkbox"/> Delete
darren	Darren	D	Jarolve	A	N/A	N/A	<input checked="" type="checkbox"/> Delete

Figure 2. Student Record Page
This figure shows how students' accounts are managed.

The screenshot shows the SmartSillid student entry form. The left sidebar is identical to Figure 2. The main content area has a "Section List" with tabs A (selected), B, C, and D. Below this is a "Student Entry Form" with fields for First Name, Middle Initial, Last Name, Username, Section (dropdown), Password, and Confirm Password. At the bottom are "Add Student" and "Cancel" buttons. Below the form is a "Student List" table.

Username	First Name	Initial	Surname	Section	RFID	Computer	Action
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Figure 2.1. Add Student Account Form
This figure shows the form for adding a student's account.



The screenshot shows the SmartSiliid application interface. At the top right, there is a user profile icon and the name "Justine Arandia". On the left, a sidebar menu includes "Computer Controls", "Class Schedules", "Records > Account Management", "Student Record" (which is currently selected), "Faculty Record", and "Web Filter". A blue button labeled "Add Student" is located at the top center.

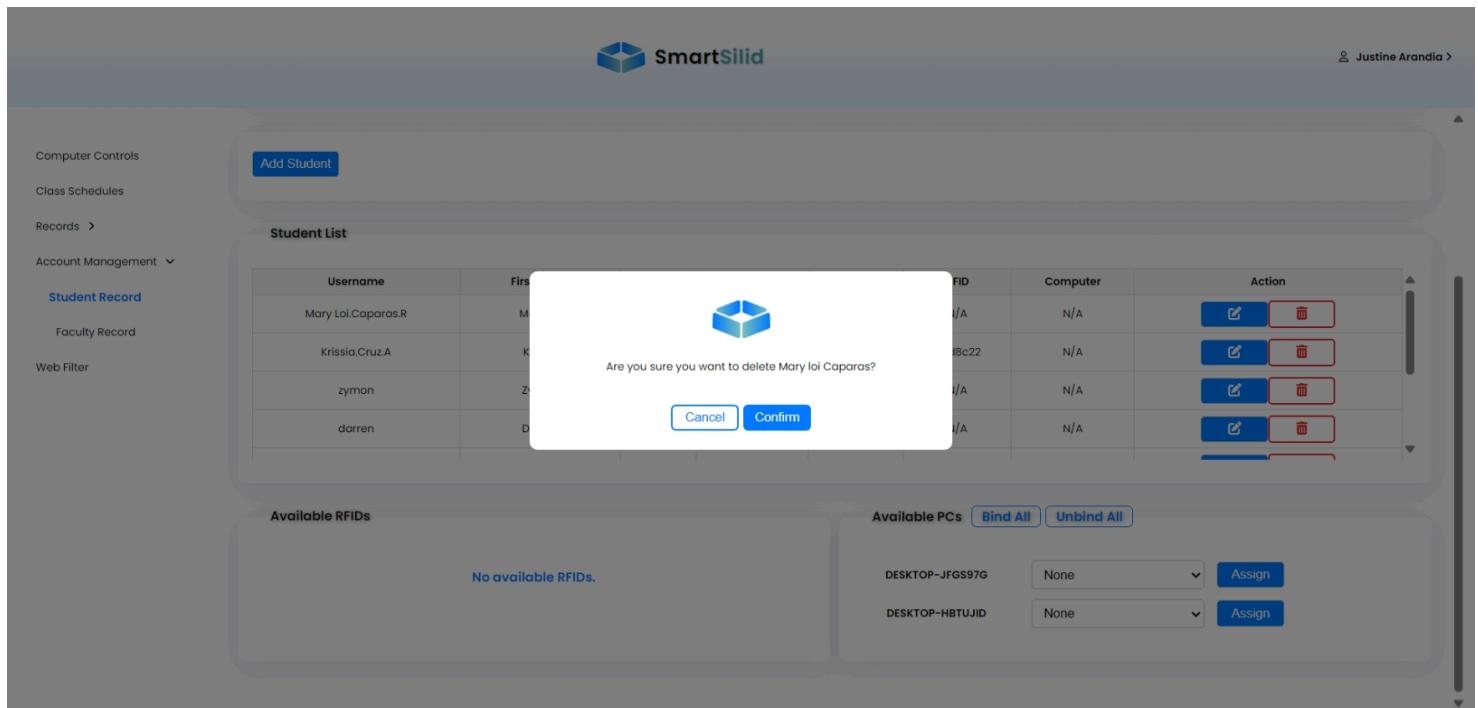
The main content area is titled "Student Edit Form". It contains fields for "First Name: *" (Mary loi), "Middle Initial: *" (R), "Last Name: *" (Caparas), and "Username: *" (Mary.Loi.Caparas.R). Below these fields are buttons for "Update", "Cancel", "Move Section", and "Change Password".

Below the edit form is a "Student List" table with columns: Username, First Name, Initial, Surname, Section, RFID, Computer, and Action. The table contains four rows of student data:

Username	First Name	Initial	Surname	Section	RFID	Computer	Action
Mary.Loi.Caparas.R	Mary loi	R	Caparas	A	N/A	N/A	<input checked="" type="checkbox"/> Delete
Krissia.Cruz.A	Krissia	A	Cruz	A	b9d8c22	N/A	<input checked="" type="checkbox"/> Delete
zymon	Zymon	C	De leon	A	N/A	N/A	<input checked="" type="checkbox"/> Delete
darren	Darren	D	Jarolve	A	N/A	N/A	<input checked="" type="checkbox"/> Delete

Figure 2.2. Edit Student Account Form

This figure shows the form for editing the student's account.

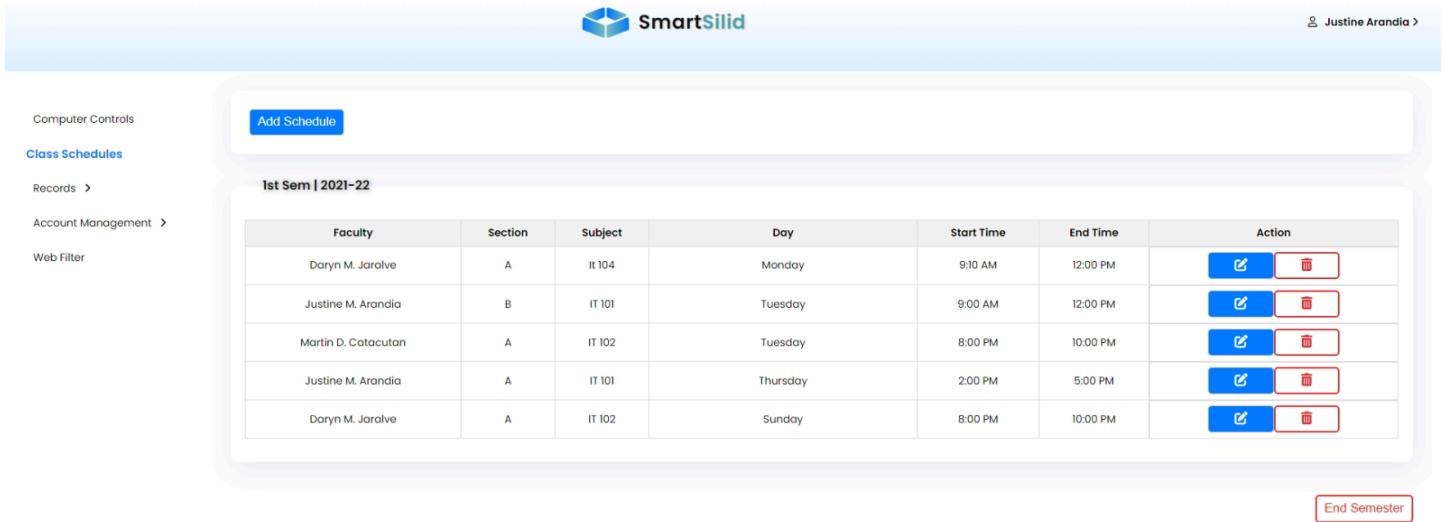


The screenshot shows the SmartSiliid application interface with a modal dialog box in the foreground. The dialog box contains a blue cube logo and the text "Are you sure you want to delete Mary loi Caparas?". It has two buttons: "Cancel" and "Confirm".

The background shows the "Student List" table from Figure 2.2, with the same four student entries. Below the table are sections for "Available RFIDs" (No available RFIDs) and "Available PCs" (Bind All, Unbind All) with dropdown menus for "DESKTOP-JFGS97G" and "DESKTOP-HBTUJD".

Figure 2.3. Delete Student Account Alert

This figure shows the alert when deleting a student account.



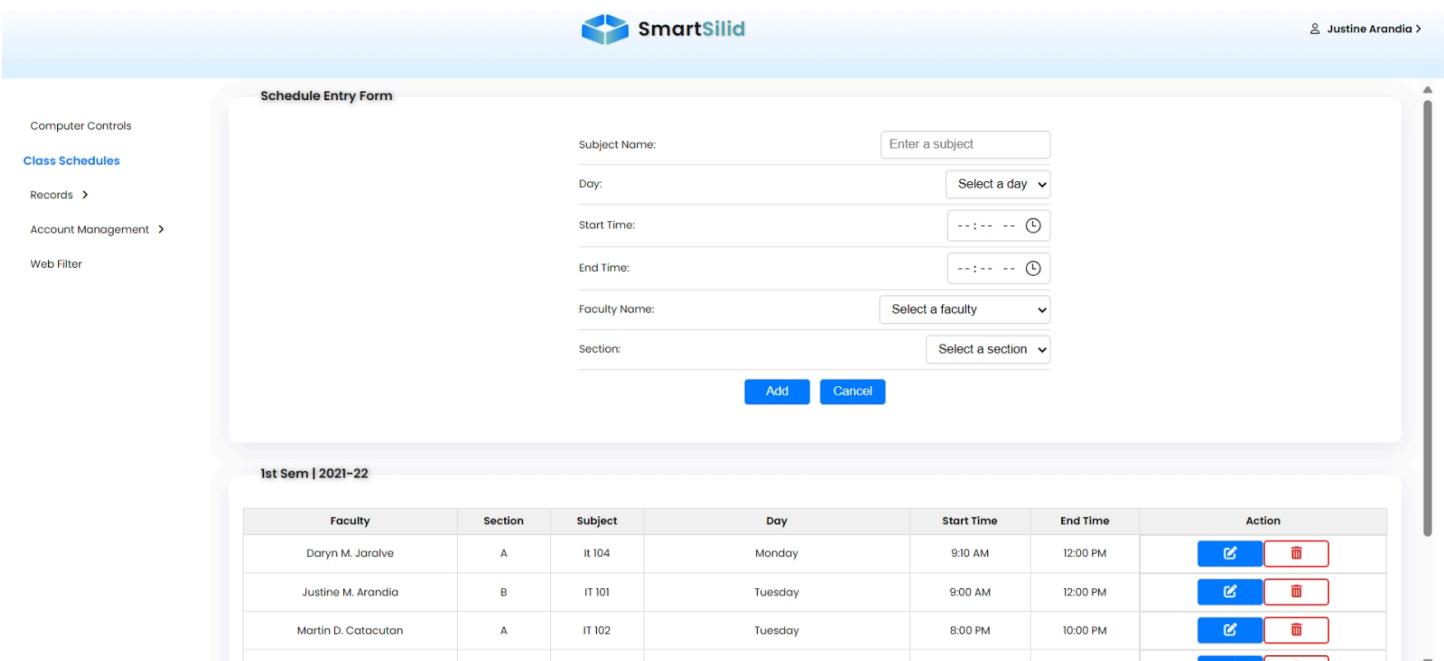
The screenshot shows the SmartSillid Class Schedule Page. At the top right, there is a user profile for "Justine Arandia". On the left, a sidebar lists navigation options: Computer Controls, Class Schedules (which is selected and highlighted in blue), Records >, Account Management >, and Web Filter. In the center, a table titled "Ist Sem | 2021-22" displays class schedules. The table has columns for Faculty, Section, Subject, Day, Start Time, End Time, and Action. The data in the table is as follows:

Faculty	Section	Subject	Day	Start Time	End Time	Action
Daryn M. Jaralve	A	IT 104	Monday	9:10 AM	12:00 PM	
Justine M. Arandia	B	IT 101	Tuesday	9:00 AM	12:00 PM	
Martin D. Catacutan	A	IT 102	Tuesday	8:00 PM	10:00 PM	
Justine M. Arandia	A	IT 101	Thursday	2:00 PM	5:00 PM	
Daryn M. Jaralve	A	IT 102	Sunday	8:00 PM	10:00 PM	

At the bottom right of the table area is a red-bordered button labeled "End Semester".

Figure 3. Class Schedule Page

This figure shows where the class schedule is managed.



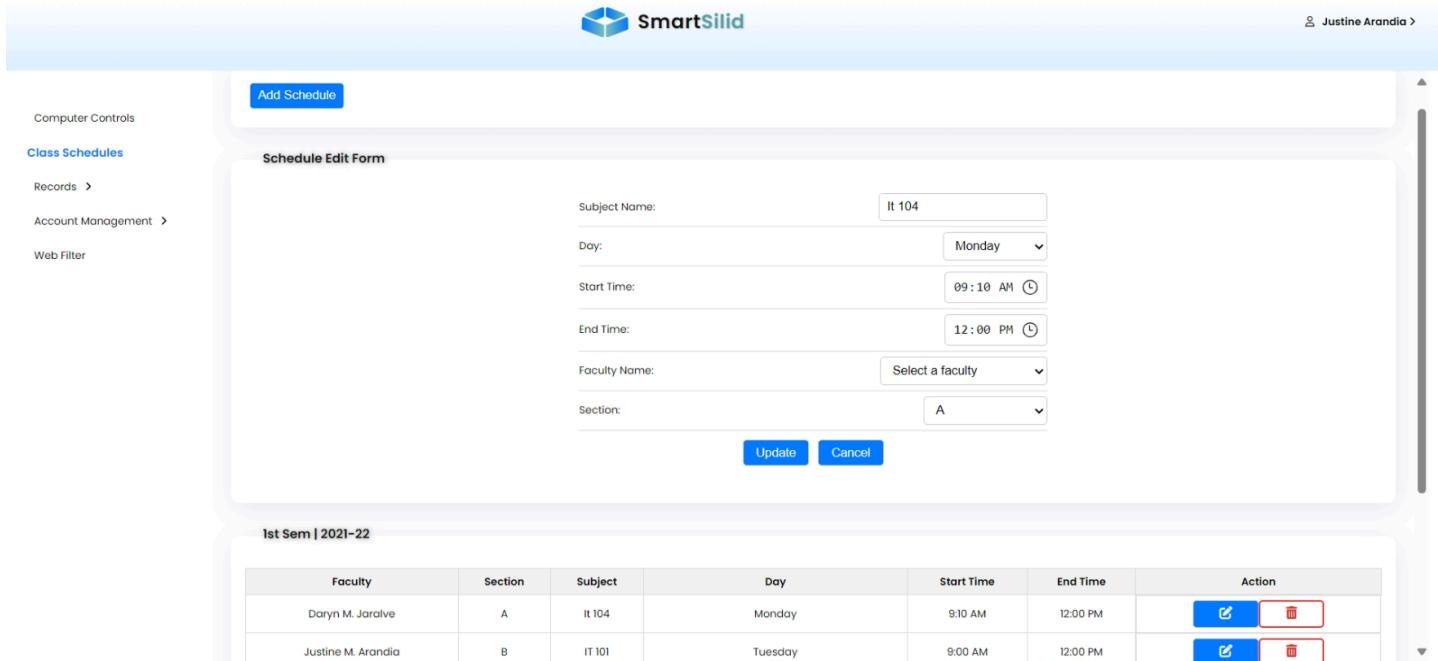
The screenshot shows the SmartSillid Add Class Schedule Form. At the top right, there is a user profile for "Justine Arandia". On the left, a sidebar lists navigation options: Computer Controls, Class Schedules (selected), Records >, Account Management >, and Web Filter. In the center, the form has fields for Subject Name (with placeholder "Enter a subject"), Day (with placeholder "Select a day"), Start Time and End Time (both with placeholder "-- : -- -- (C)"), Faculty Name (with placeholder "Select a faculty"), and Section (with placeholder "Select a section"). Below the form are two buttons: "Add" and "Cancel".

Below the form is a table titled "Ist Sem | 2021-22" showing existing class schedules, which is identical to the one in Figure 3. The data is as follows:

Faculty	Section	Subject	Day	Start Time	End Time	Action
Daryn M. Jaralve	A	IT 104	Monday	9:10 AM	12:00 PM	
Justine M. Arandia	B	IT 101	Tuesday	9:00 AM	12:00 PM	
Martin D. Catacutan	A	IT 102	Tuesday	8:00 PM	10:00 PM	
Justine M. Arandia	A	IT 101	Thursday	2:00 PM	5:00 PM	

Figure 3.1. Add Class Schedule Form

This figure shows the form for adding a class schedule.



The screenshot shows the 'Schedule Edit Form' interface. On the left sidebar, under 'Class Schedules', there is a link to 'Edit Class Schedule'. The main form has fields for 'Subject Name' (IT 104), 'Day' (Monday), 'Start Time' (09:10 AM), 'End Time' (12:00 PM), 'Faculty Name' (Select a faculty), and 'Section' (A). Below the form are 'Update' and 'Cancel' buttons. At the bottom, a table titled '1st Sem | 2021-22' lists class schedules for two faculty members: Daryn M. Jaralve and Justine M. Arandia. Each row includes columns for Faculty, Section, Subject, Day, Start Time, End Time, and Action (with edit and delete icons).

Faculty	Section	Subject	Day	Start Time	End Time	Action
Daryn M. Jaralve	A	IT 104	Monday	9:10 AM	12:00 PM	
Justine M. Arandia	B	IT 101	Tuesday	9:00 AM	12:00 PM	

Figure 3.2. Edit Class Schedule Form

This figure shows the editing form for the class schedule.

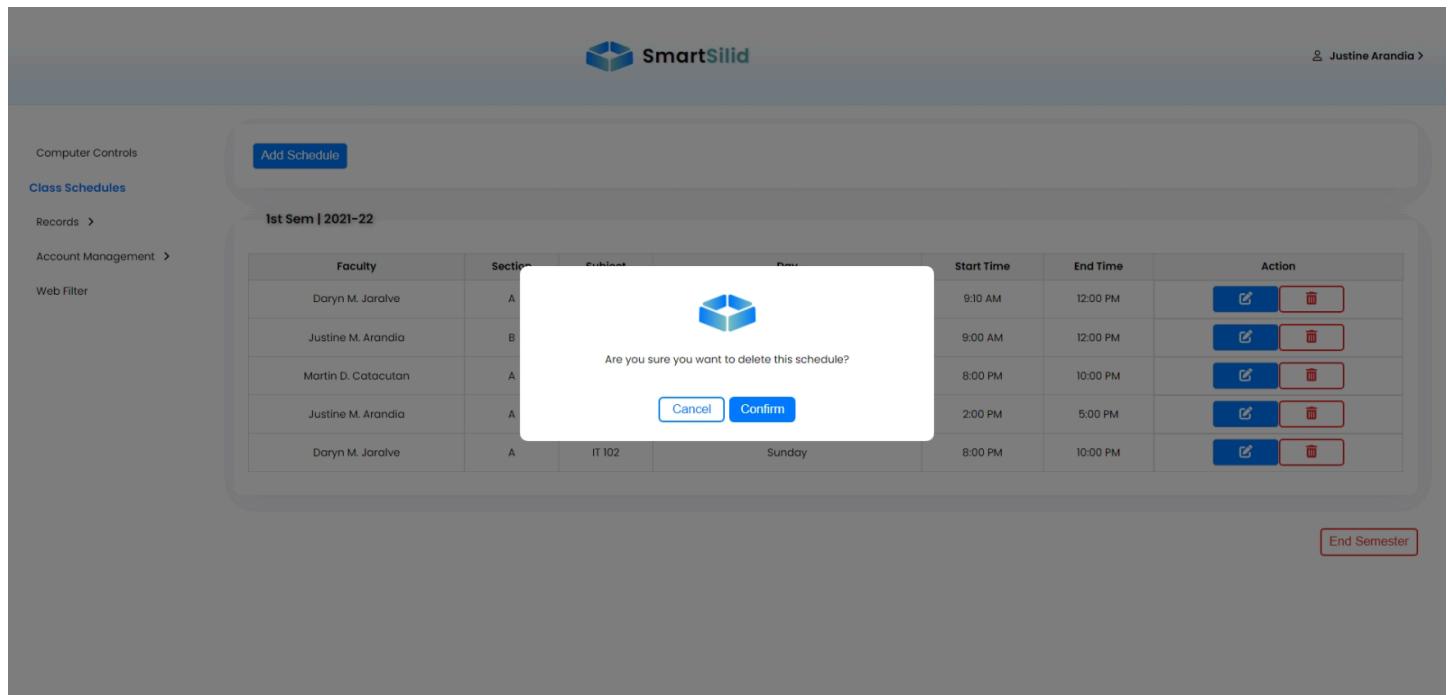


Figure 3.3. Delete Class Schedule Alert

This figure shows an alert after deleting the class schedule.

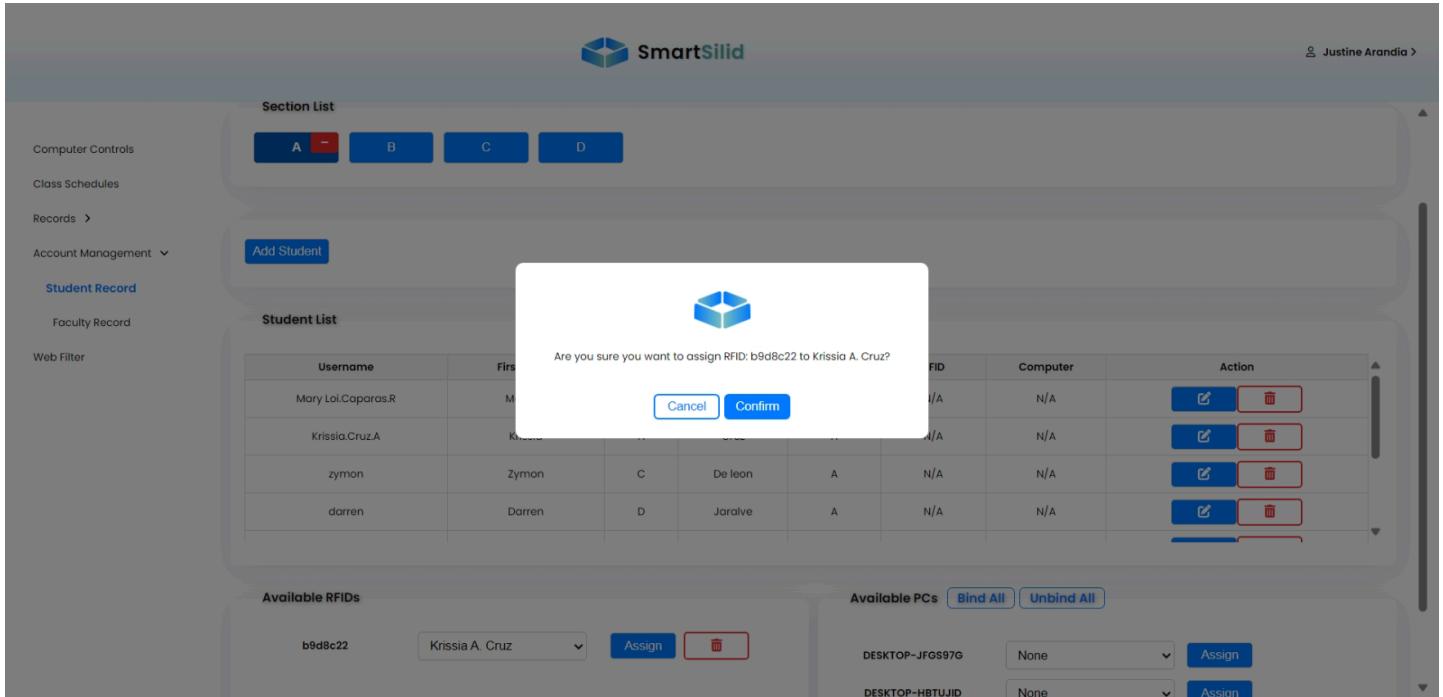


Figure 4. Student Bind RFID Alert

This figure shows the alert for successfully binding RFID to a student.

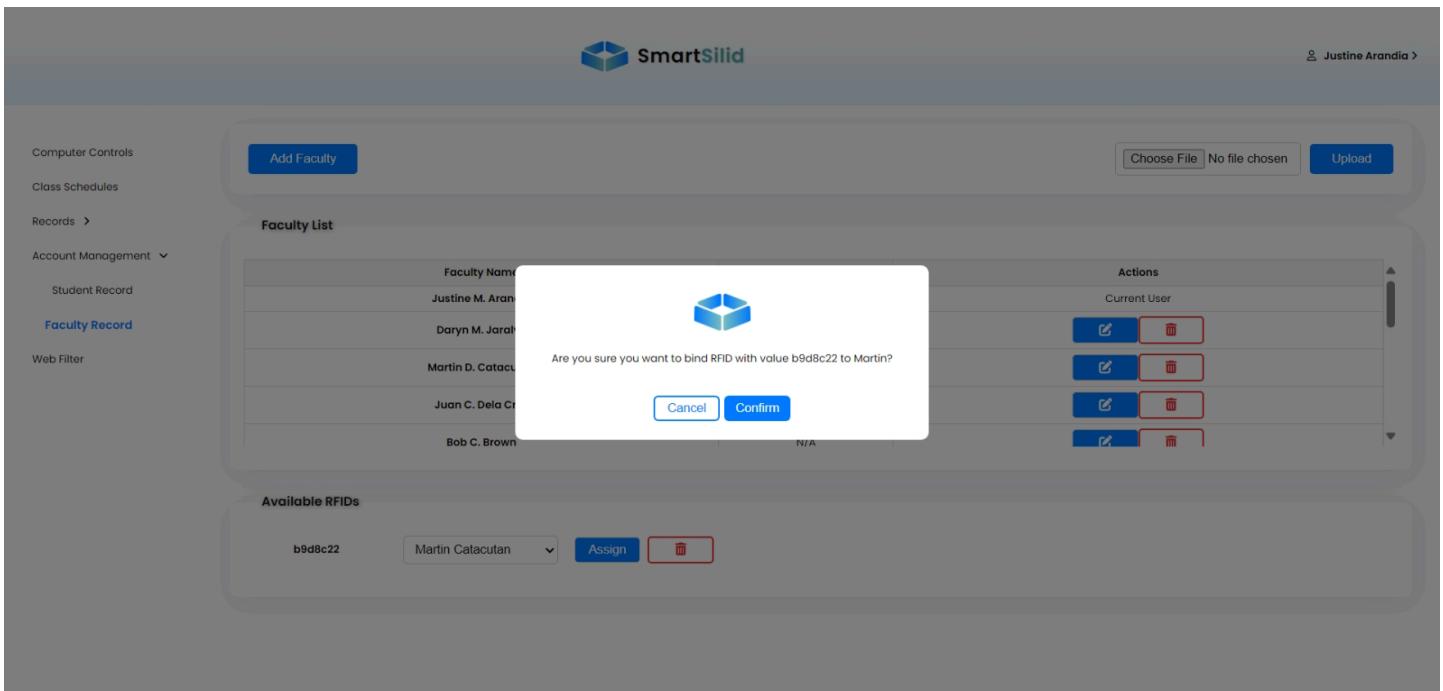


Figure 4.1. Faculty Bind RFID Alert

This Figure shows the alert when a faculty member is bound to an RFID.

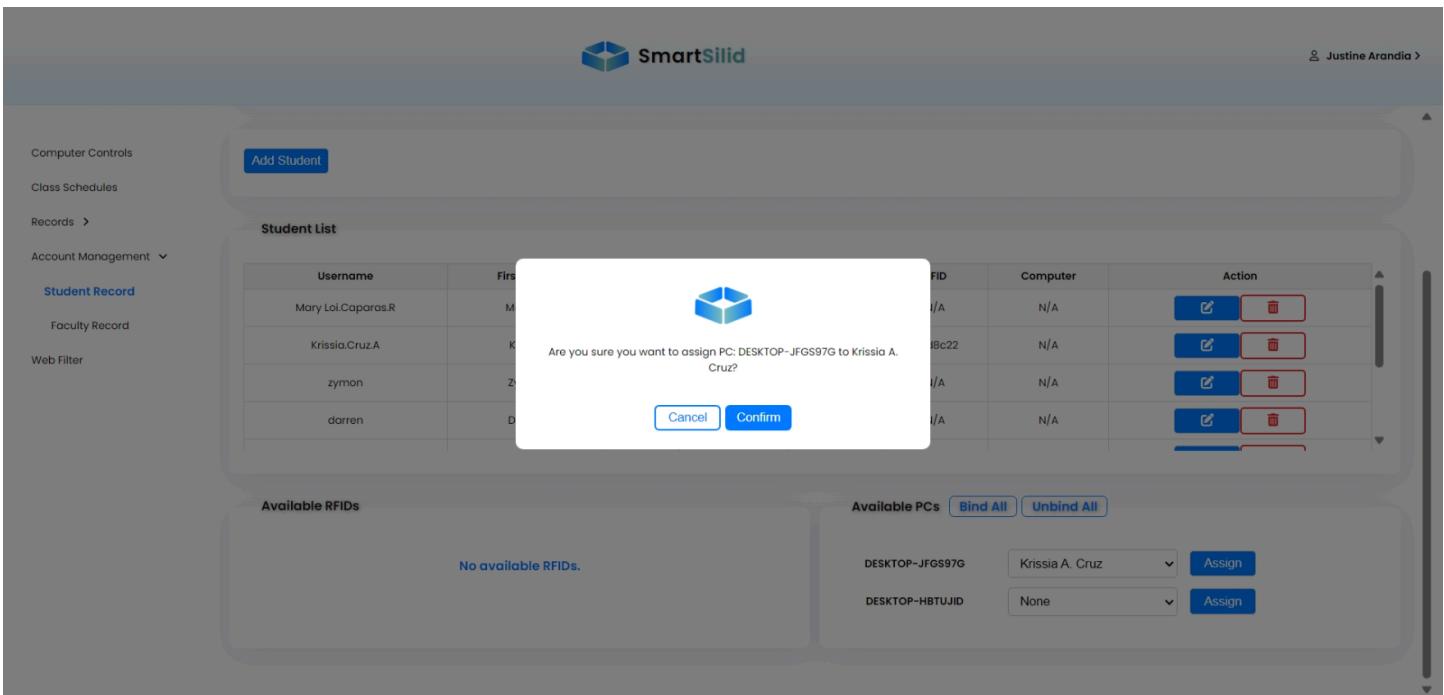


Figure 5. Student PC Binding
This Figure shows the alert for a successful binding of PCs to students.

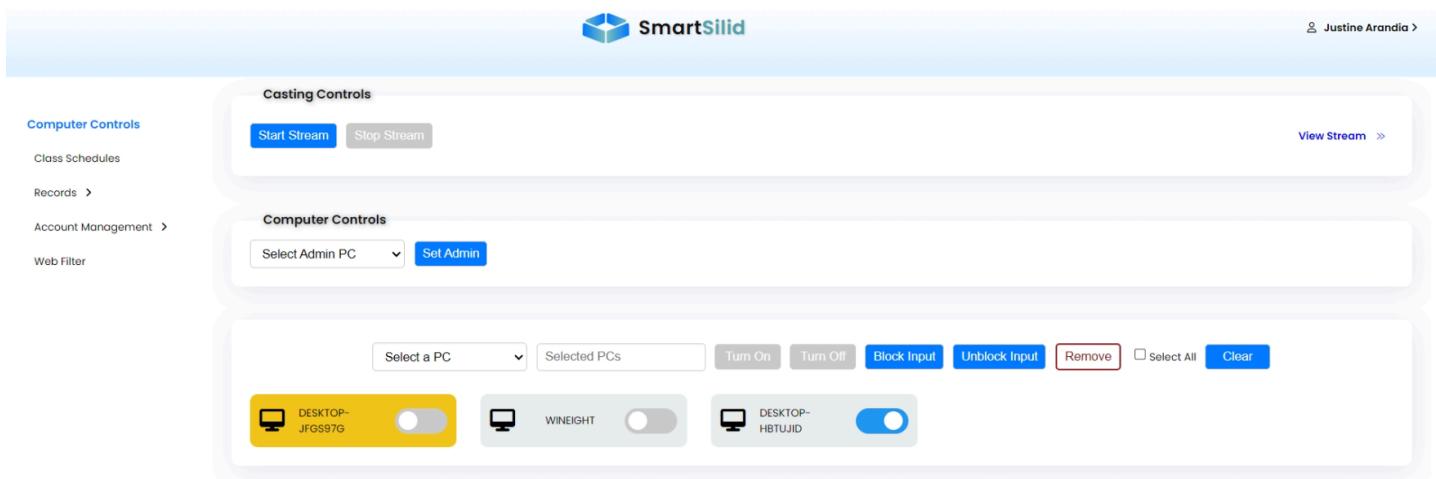


Figure 6. Turning on the Administrator Computer via RFID Scan
This figure shows the interface that the administrator's computer is turned on when the RFID is scanned, as indicated by the yellow color.

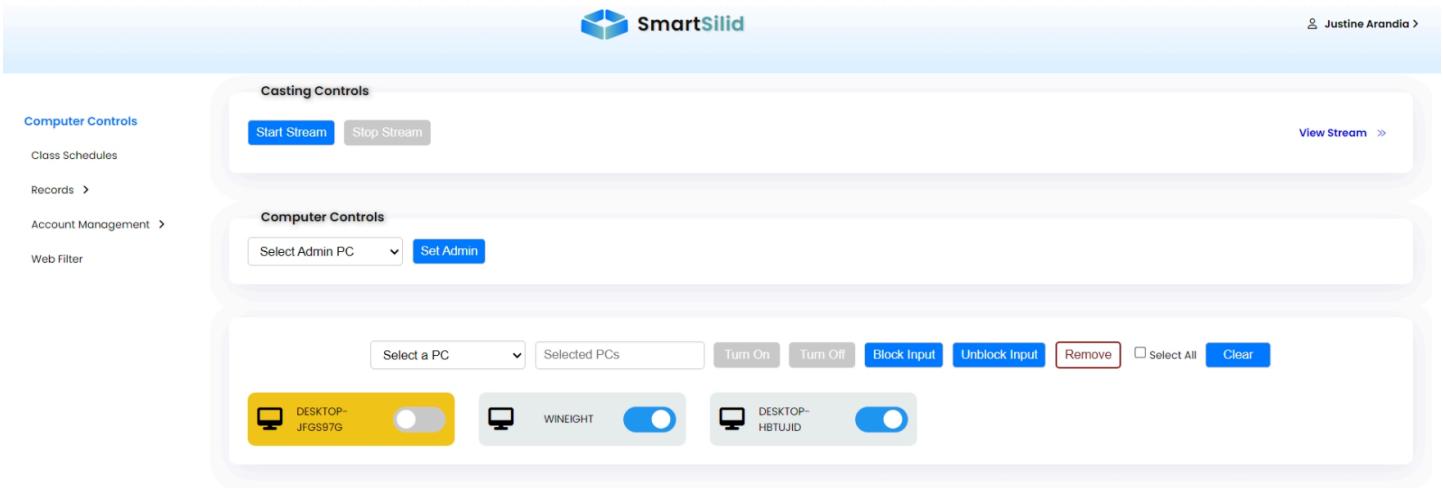


Figure 7. Turning on Computers Via Administrator Interface

This figure shows that the administrator can power on computers either individually or many at the same time.

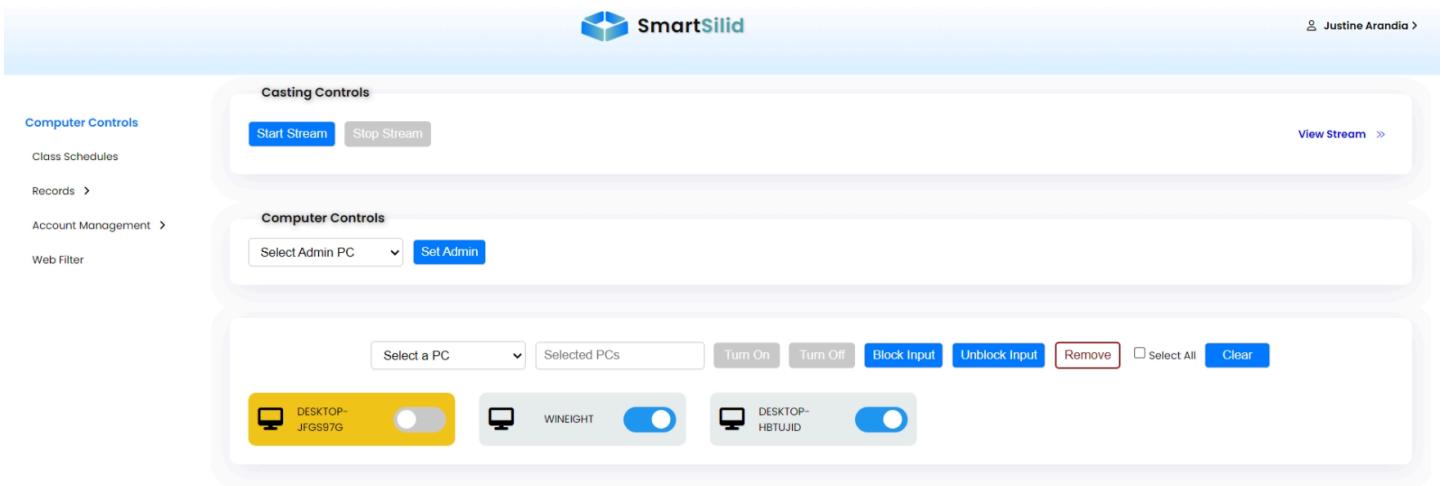


Figure 8. Turning on Students' Computers Via Assigned RFID Scans

This figure shows that when a student's RFID is assigned to a PC named "WINEIGHT" and is scanned, their respective PC turns on, and this page reflects the PC's state.

Semester: 1st Sem | 2021-22

Subject:	Day	Time	Section:	Faculty:
IT 104	Monday	9:00 AM - 12:00 PM	A	Daryn M. Jaralve
IT 101	Tuesday	9:00 AM - 12:00 PM	B	Justine M. Arandia
IT 102	Tuesday	8:00 PM - 10:00 PM	A	Martin D. Catacutan
IT 101	Thursday	2:00 PM - 5:00 PM	A	Justine M. Arandia
IT 102	Sunday	8:00 PM - 10:00 PM	A	Daryn M. Jaralve

[View Past Semesters](#)

Figure 9. Schedule list Page
This figure shows the list of existing schedules.

Subject: IT 104

Go Back [View Summary](#)

Attendance: 2024-12-09

Alphabetical (Ascending)

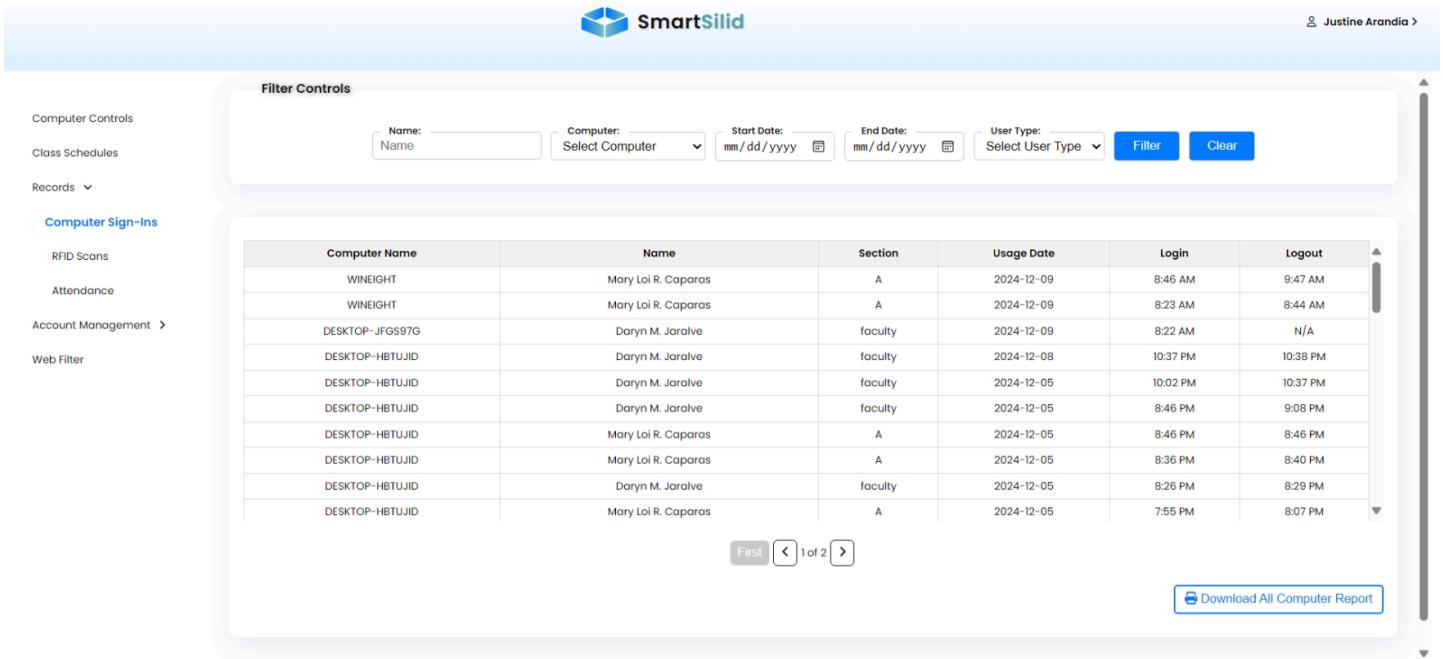
Name	Log Time
Caporaso, Mary Loi R.	--
Cruz, Krislla A.	9:24 AM
De Leon, Zymon C.	--
Jaralve, Darren D.	--
Kores, Eunice G.	9:25 AM
Kores, Eunice Milakel G.	--
Otayde, Dave P.	9:22 AM
Paras, Kyla W.	--

[Download Attendance Report](#)

[View Past Semesters](#)

Figure 9.1. Attendance Page

This figure shows the attendance list for the selected schedule. Recording computer login events of user accounts with or without RFID scan;

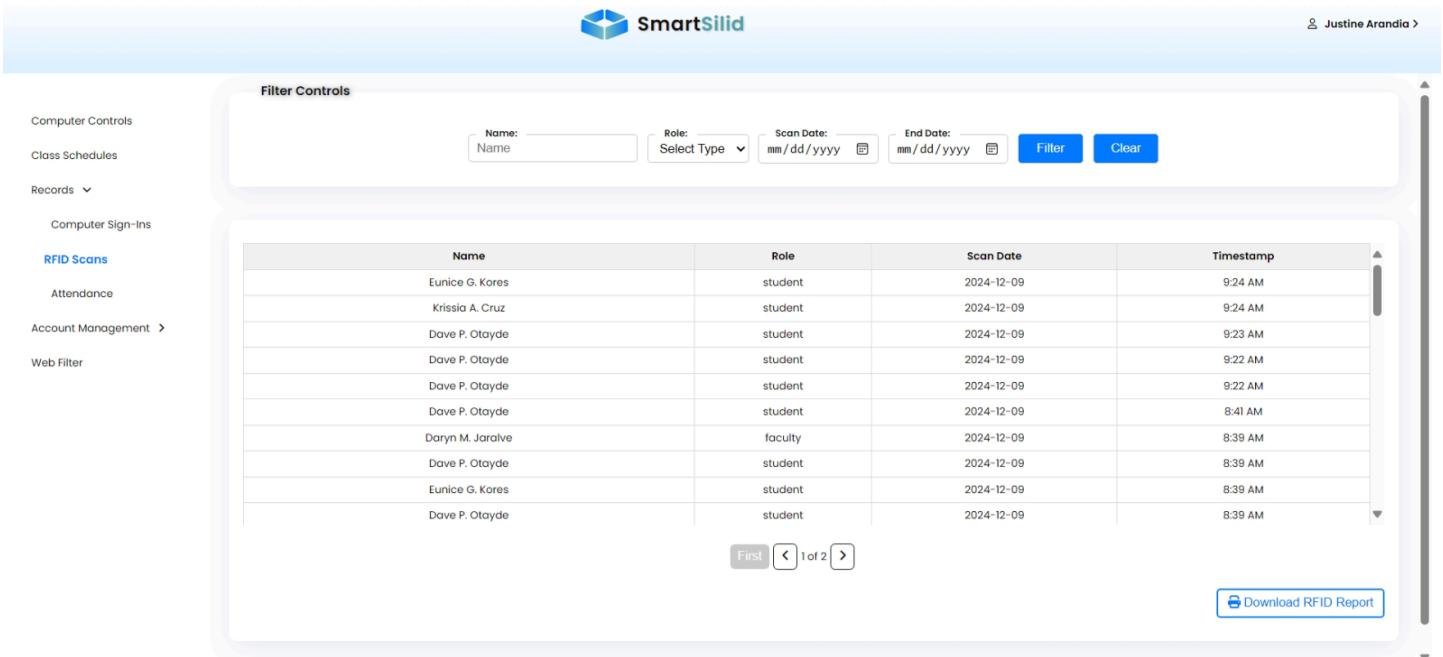


The screenshot shows the 'Computer Sign-ins' page of the SmartSiliid application. At the top, there is a navigation bar with links for 'Computer Controls', 'Class Schedules', and 'Records'. On the left, a sidebar lists 'Computer Sign-ins', 'RFID Scans', 'Attendance', 'Account Management >', and 'Web Filter'. The main content area features a 'Filter Controls' section with fields for 'Name', 'Computer', 'Start Date', 'End Date', 'User Type', and buttons for 'Filter' and 'Clear'. Below this is a table titled 'Computer Name' showing sign-in details for various users across different computers. A navigation bar at the bottom of the table includes 'First', 'Previous', '1 of 2', and 'Next'. A blue button labeled 'Download All Computer Report' is located at the bottom right.

Computer Name	Name	Section	Usage Date	Login	Logout
WINEIGHT	Mary Loi R. Caparas	A	2024-12-09	8:46 AM	9:47 AM
WINEIGHT	Mary Loi R. Caparas	A	2024-12-09	8:23 AM	8:44 AM
DESKTOP-JFGS97G	Daryn M. Jaralve	faculty	2024-12-09	8:22 AM	N/A
DESKTOP-HBTUJID	Daryn M. Jaralve	faculty	2024-12-08	10:37 PM	10:38 PM
DESKTOP-HBTUJID	Daryn M. Jaralve	faculty	2024-12-05	10:02 PM	10:37 PM
DESKTOP-HBTUJID	Daryn M. Jaralve	faculty	2024-12-05	8:46 PM	9:08 PM
DESKTOP-HBTUJID	Mary Loi R. Caparas	A	2024-12-05	8:46 PM	8:46 PM
DESKTOP-HBTUJID	Mary Loi R. Caparas	A	2024-12-05	8:36 PM	8:40 PM
DESKTOP-HBTUJID	Daryn M. Jaralve	faculty	2024-12-05	8:26 PM	8:29 PM
DESKTOP-HBTUJID	Mary Loi R. Caparas	A	2024-12-05	7:55 PM	8:07 PM

Figure 10. Computer Sign-in Page

This figure shows the report for computer sign-ins.



The screenshot shows the 'RFID Scans' page of the SmartSiliid application. The layout is similar to Figure 10, with a navigation bar, sidebar, and filter controls. The main content area displays a table of RFID scan records. A navigation bar at the bottom and a download button are present.

Name	Role	Scan Date	Timestamp
Eunice G. Kores	student	2024-12-09	9:24 AM
Krissia A. Cruz	student	2024-12-09	9:24 AM
Dave P. Otayde	student	2024-12-09	9:23 AM
Dave P. Otayde	student	2024-12-09	9:22 AM
Dave P. Otayde	student	2024-12-09	9:22 AM
Daryn M. Jaralve	faculty	2024-12-09	8:41 AM
Dave P. Otayde	student	2024-12-09	8:39 AM
Eunice G. Kores	student	2024-12-09	8:39 AM
Dave P. Otayde	student	2024-12-09	8:39 AM

Figure 11. RFID Scans Page

This figure shows the report for RFID Scans.

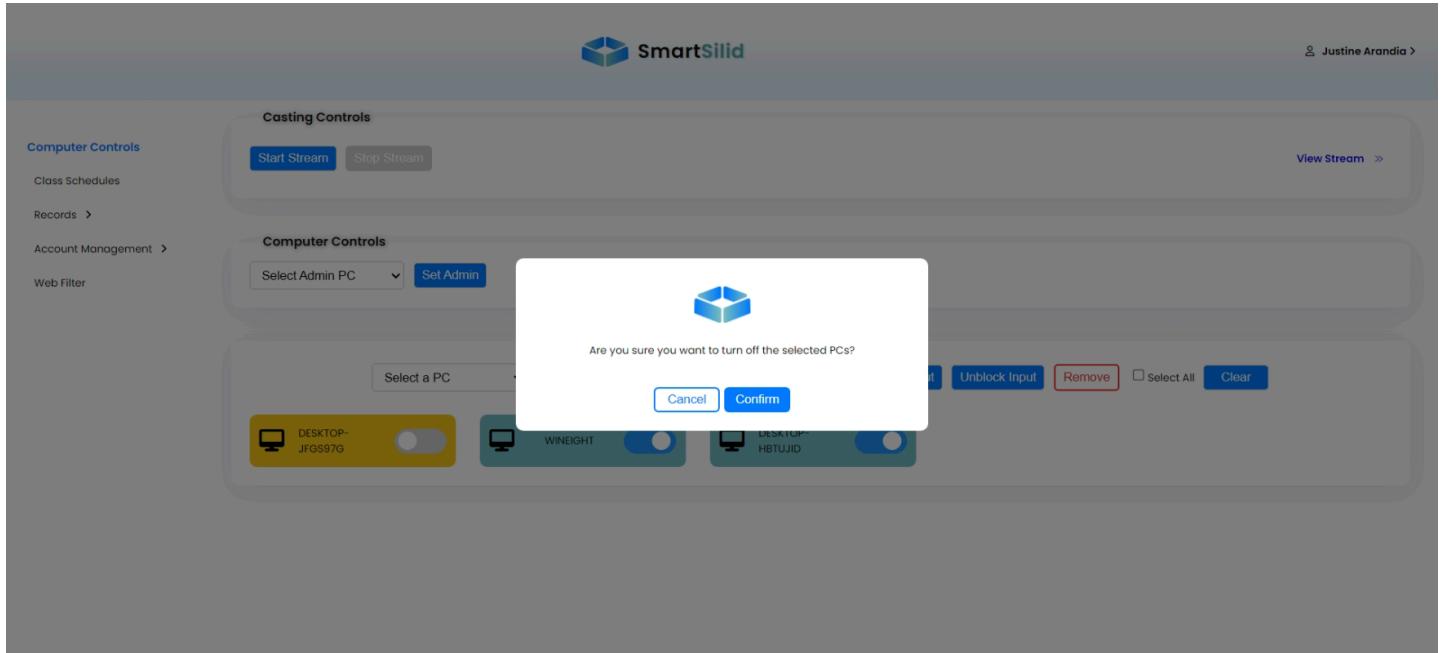
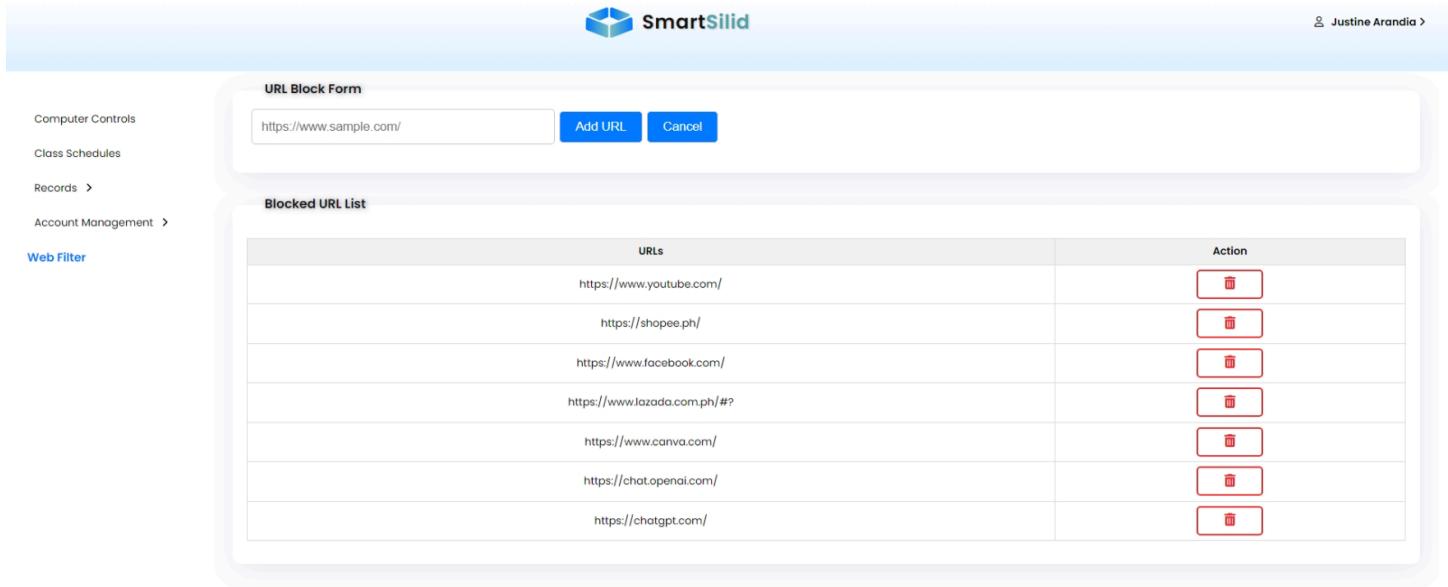


Figure 12. Shutting Down Computers Remotely
This figure shows confirmation to turn off the selected pc

The screenshot shows the SmartSiliid web application interface. On the left, a sidebar lists navigation items: Computer Controls, Class Schedules, Records >, Account Management >, and Web Filter. The main content area has a header "Blocked URL List" with a "Add URL" button. Below the header is a table titled "Blocked URL List" with columns "URLs" and "Action". The table contains the following data:

URLs	Action
https://www.youtube.com/	
https://shopee.ph/	
https://www.facebook.com/	
https://www.lazada.com.ph/#?	
https://www.canva.com/	
https://chat.openai.com/	
https://chatgpt.com/	

Figure 13. Website Filter
This Figure show the page of blocked URLs.



The screenshot shows the SmartSillid web interface. In the top right corner, there is a user profile icon and the name "Justine Arandia". The main content area has a light blue header bar with the title "URL Block Form". Below this, on the left, is a sidebar with navigation links: Computer Controls, Class Schedules, Records >, Account Management >, and Web Filter (which is currently selected). The main content area contains two sections: "URL Block Form" and "Blocked URL List". The "URL Block Form" section has a text input field containing "https://www.sample.com/" and two buttons: "Add URL" and "Cancel". The "Blocked URL List" section displays a table with columns "URLs" and "Action". The "URLs" column lists several URLs, and the "Action" column contains red trash can icons for each row.

URLs	Action
https://www.youtube.com/	
https://shopee.ph/	
https://www.facebook.com/	
https://www.lazada.com.ph/#?	
https://www.canva.com/	
https://chat.openai.com/	
https://chatgpt.com/	

Figure 13.1. Adding URLs

This figure shows the input form for the URL Block List.

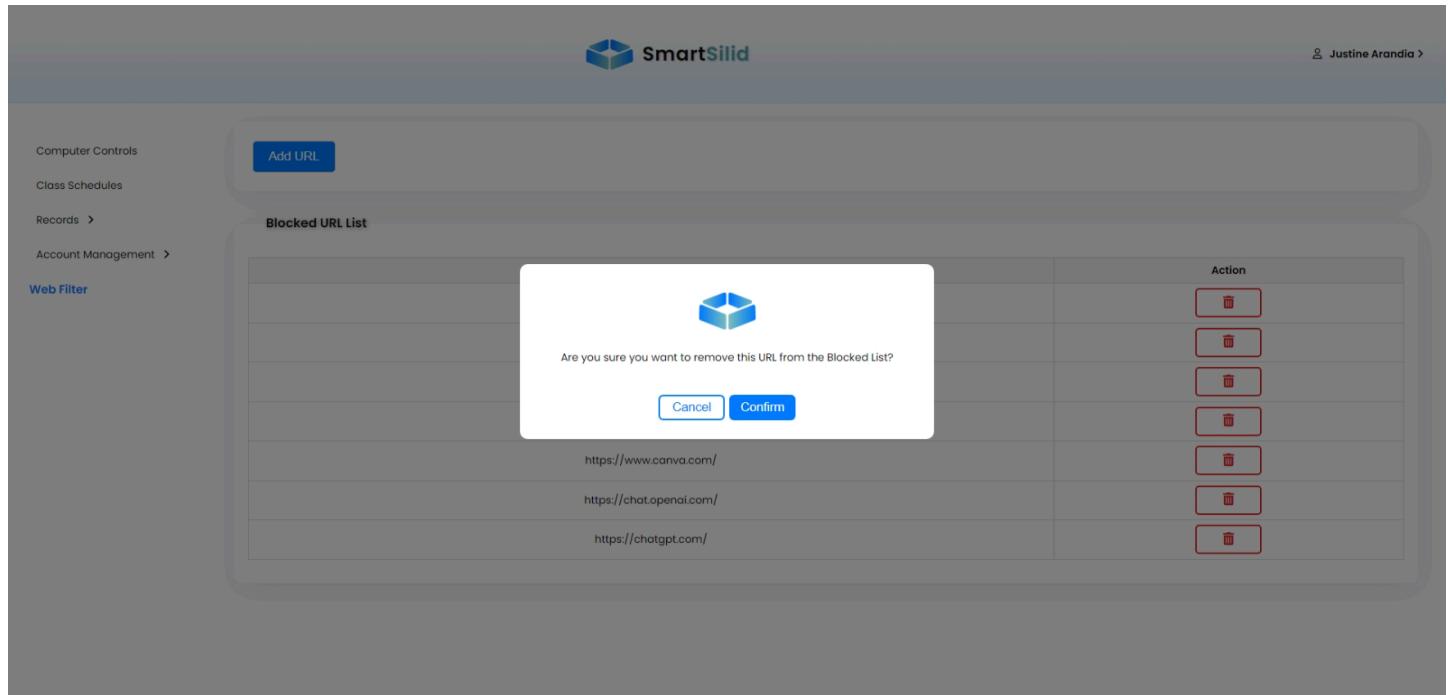


Figure 13.2. Alert for Deletion of URL

This Figure shows the alert to confirm the deletion of the URL.

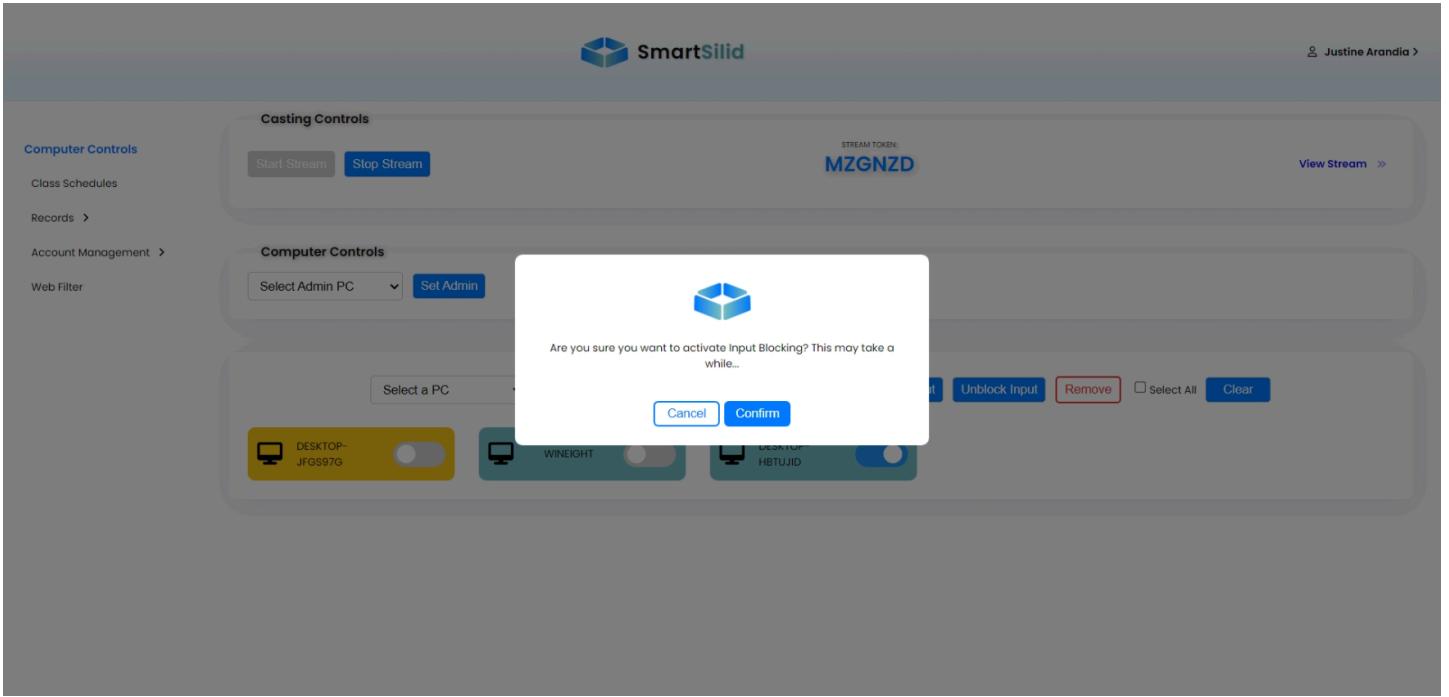


Figure 14. Activation of Input Blocking of Selected PCs
This Figure shows the alert to confirm the activation of Input Blocking.

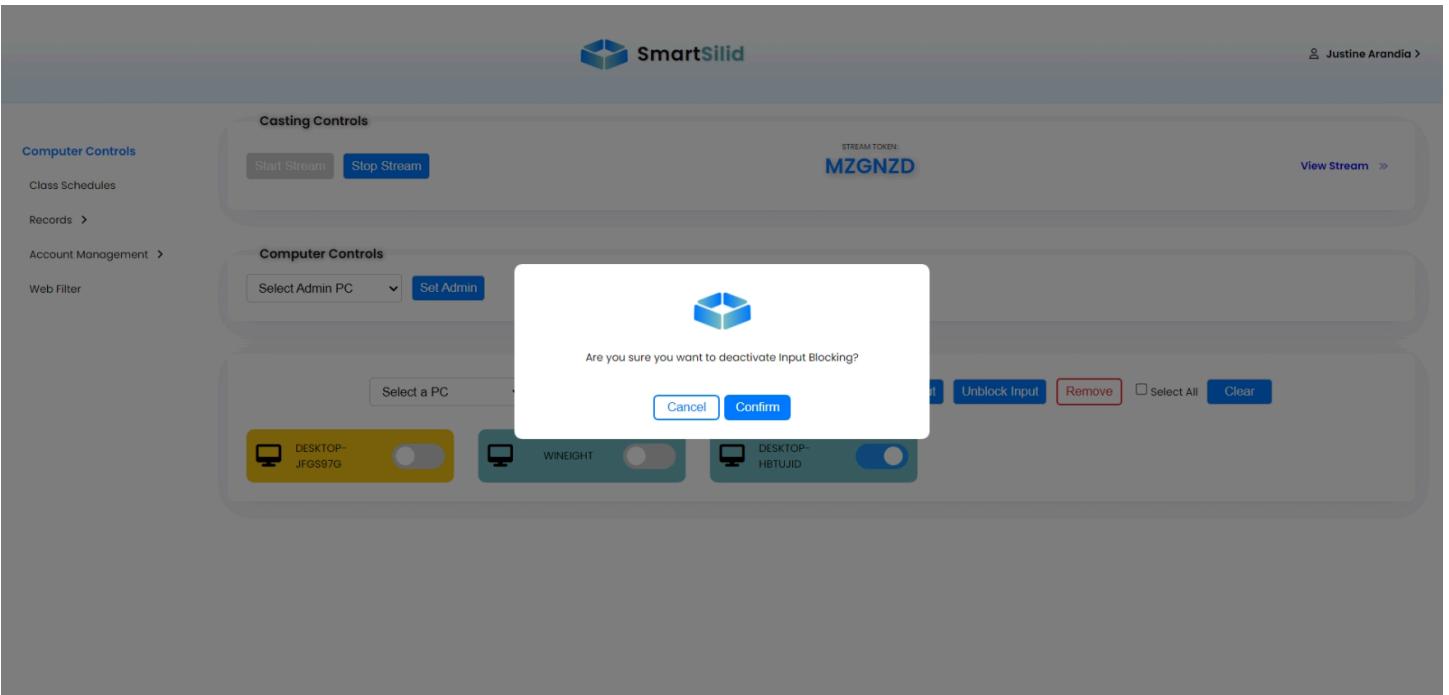


Figure 14.1. Deactivation of the Input Blocking of Selected PCs
This Figure shows the alert to confirm the deactivation of Input Blocking.

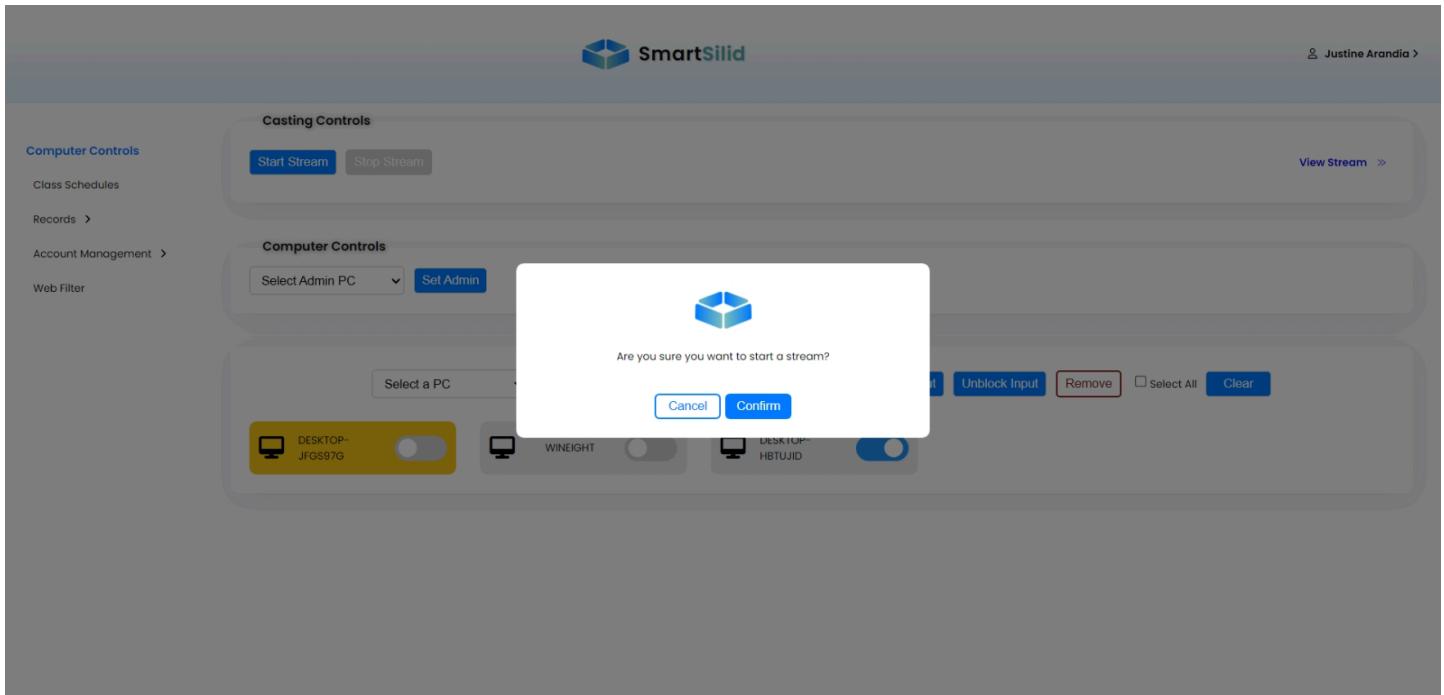


Figure 15. Share Screen Alert
This figure shows confirmation to start the share screen.

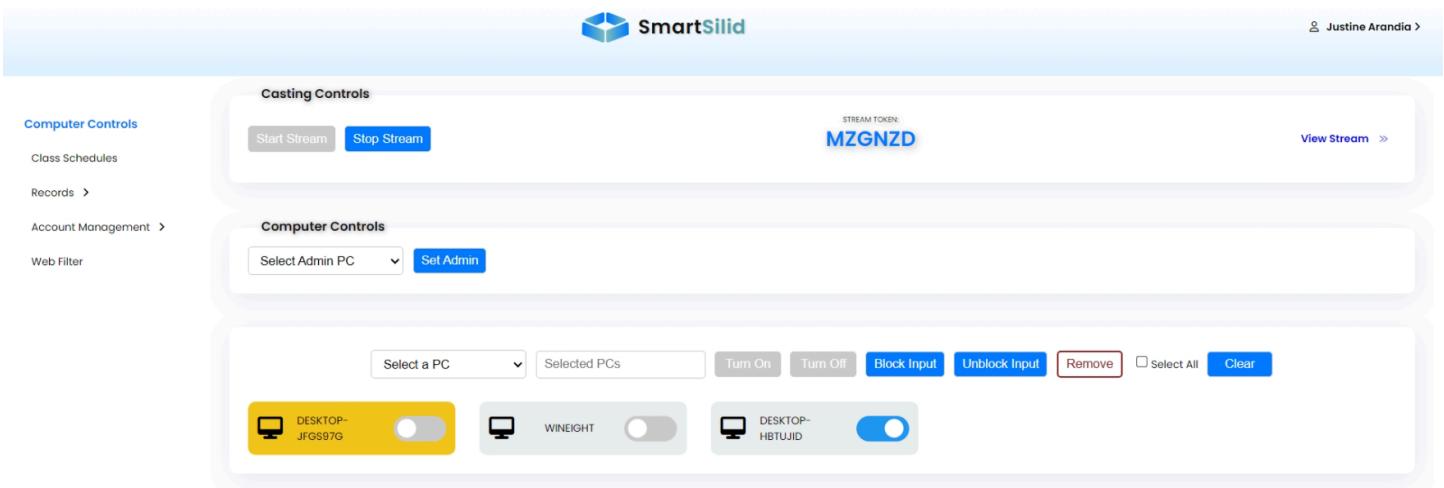


Figure 15.1. Share Screen Token Display
This figure shows that when the stream start, a token would appear.

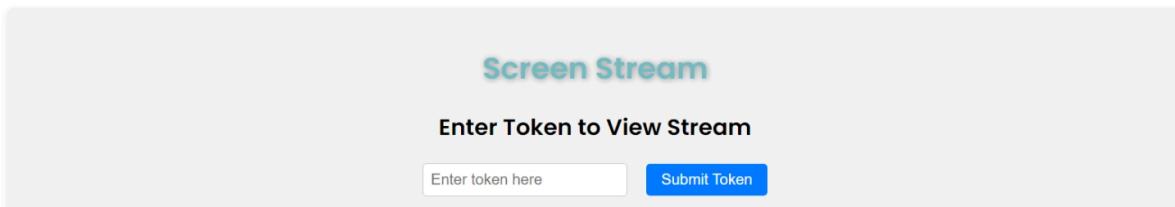


Figure 15.2. Stream Token Input Page
This figure shows where the stream token should be input.