**CS 309, Team B4**

**Screen Sketch Assignment**

Group Members :

Todd Wegter

Curtis Ullerich

Brandon Maxwell

Yifei Zhu

Actors' use cases:

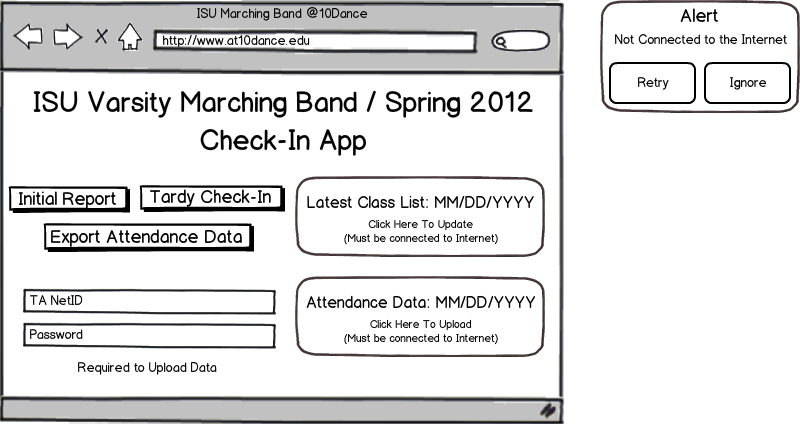
* Directors
  + Modify records
  + view all students
  + sort entire database
  + search for records based on date, absences, section, etc.
* Student Staff
  + Upload attendance files
  + View records
  + Sort database
* Students
  + View own attendance record

1\_Main\_CheckIn

Sketch: Todd Wegter, Yifei Zhu

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Annotations: Curtis Ullerich



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**Purpose:** Landing screen from which student staff may initiate daily attendance tasks.

**Loading Events:** User logs in to html5 webapp.

**Interface Elements:**

1. Latest Class List. Clicking here allows the user to update to the latest class list.

2. Allows the user to create an initial attendance report at (2\_Initial\_Report) for each rehearsal by selected all absent students.

3. Allows users to check in to rehearsal as tardy at (3\_Late\_CheckIn).

4. Alert. Clicking (1) or (6) while not connect to a network presents this warning.

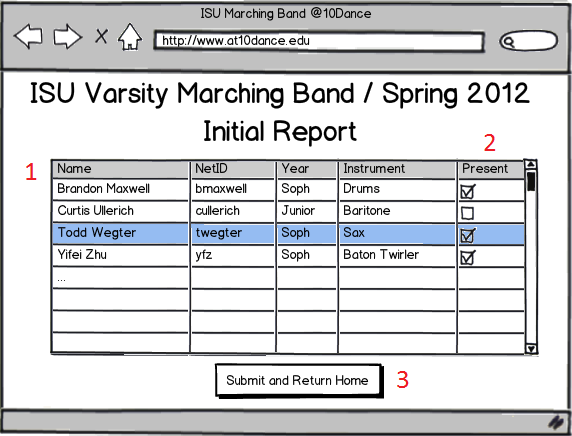
5. Exports Attendance data to an uploadable file using 26\_TA.

6. Uploads Attendance data to server. A TA’s NetID and password must be entered into the appropriate fields to allow uploading.

2\_Initial\_Report

Sketch: Todd Wegter, Yifei Zhu

Annotations: Brandon Maxwell



**Purpose:** To provide a grid view of the students so it is easy for TAs or instructors to mark who is at practice and who is not at practice at the time attendance is taken.

**Loading Events:** User presses the "Initial Report" button on the home screen

**Interface Elements:**

1. The entire grid that shows each students' name, netID, year, and instrument. Used to keep track of what student the TA is marking attendace for.

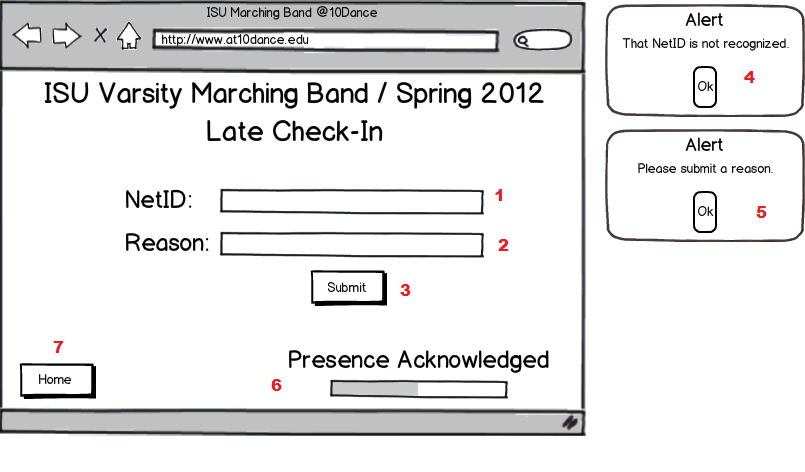
2. The column of checkboxes. When a student attends practice the TA can check the checkbox and continue onto another student.

3. A button to return the user from this current screen back to the homescreen (Screen 1\_Main\_CheckIn)

3\_Late\_CheckIn

Sketch: Todd Wegter, Yifei Zhu

Annotations:Yifei Zhu



**Purpose**: Allow late student to check in and explain the reason why is late for Marching Band practice.

**Loading event:** User presses “Tardy Check-In” button on the main interface

**Interface items:**

1. The text field allows users to enter their netID.

2. The text field allows users to enter the reason why they are late for Marching Band practice.

3. The “submit” buttons allow users to submit their tardy check-in form.

4. If the user enters the wrong netID or the netID does not exist, then an Alert will pop up to notify the user that the netID is incorrect.

5. If the user leaves the “Reason” text field blank, then an alert will pop up and tell the user to enter a reason.

6. The loading bar shows users the progress of submission, after the user clicks on the “Submit” button.

7. The home button will take users back to the main check in homepage (Screen 1\_Main\_CheckIn)

4\_Main\_Page

Sketch: Todd Wegter , Yifei Zhu

Annotations: Todd Wegter

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**Purpose:** To provide an opening screen for the @10Dance application. This web application is the main part of the system. It allows students to check their attendance records, TAs to upload attendance, and the directors to have supreme control over everything.

**Loading Events:** User opens the @10Dance Web Application

**Interface Elements:**

1. Radio Buttons allow user to select whether he or she wishes to proceed as a Director, TA, or Student.

2. Help Button pulls up a specialized Help screen (Screen 27\_Help) explaining that the user may proceed to the desired login screen by selecting the appropriate radio button (1) and clicking “Next” (3).

3. “Next” Button takes the user to a login screen (Screen 5\_Login), which is slightly different for the different user types and allows only the selected type to login.

5\_Login

Sketch: Todd Wegter, Yifei Zhu

Annotations:



6\_Login\_Registration

Sketch: Todd Wegter

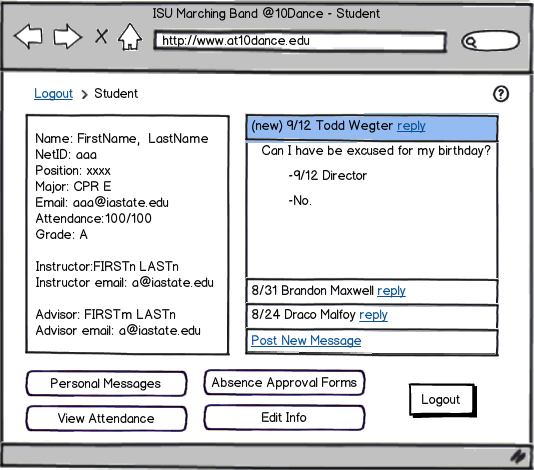
Annotations:



7\_Student\_Page

Sketch: Todd Wegter, Yifei Zhu

Annotations:



8\_Student\_Bar\_Graph

Sketch: Todd Wegter, Yifei Zhu

Annotations:



9\_Student\_Line\_Graph

Sketch: Todd Wegter, Yifei Zhu

Annotations:



10\_Student\_Pie\_Chart

Sketch: Todd Wegter, Yifei Zhu

Annotations:



11\_Student\_Edit\_Info

Sketch: Todd Wegter

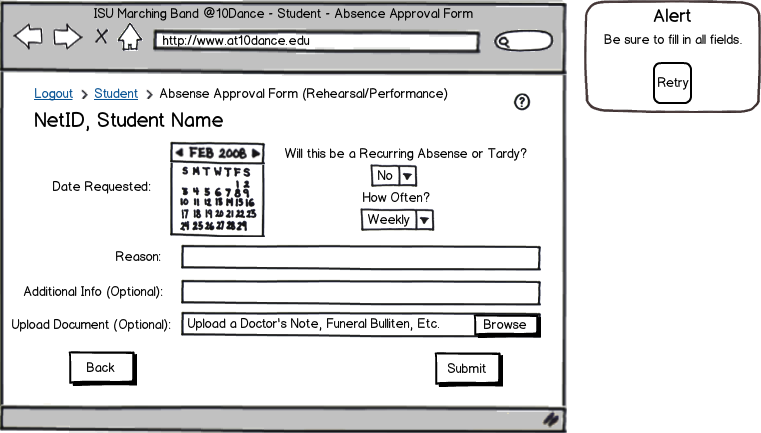
Annotations:



12\_Student\_Absence\_Approval\_Form

Sketch: Todd Wegter, Yifei Zhu

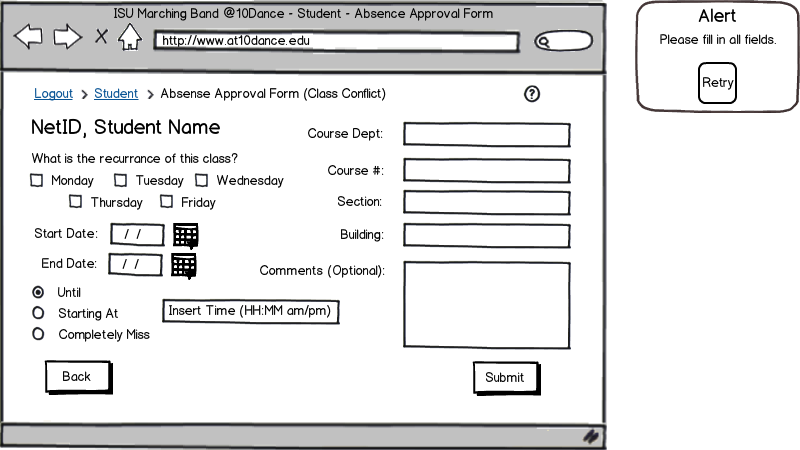
Annotations:



13\_Student\_Class\_Conflict\_Form

Sketch: Todd Wegter, Yifei Zhu

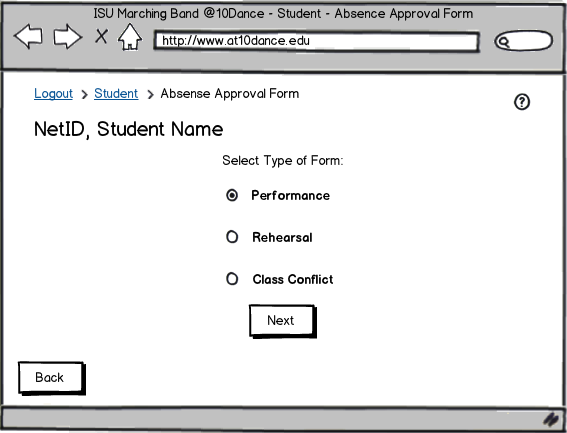
Annotations:



14\_Studnet\_Absence\_Approval\_Form\_Type

Sketch: Todd Wegter, Yifei Zhu

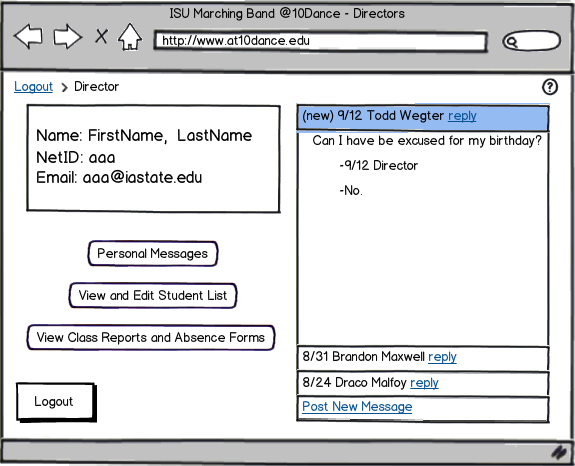
Annotations:



15\_Director\_Page

Sketch: Todd Wegter,Yifei Zhu

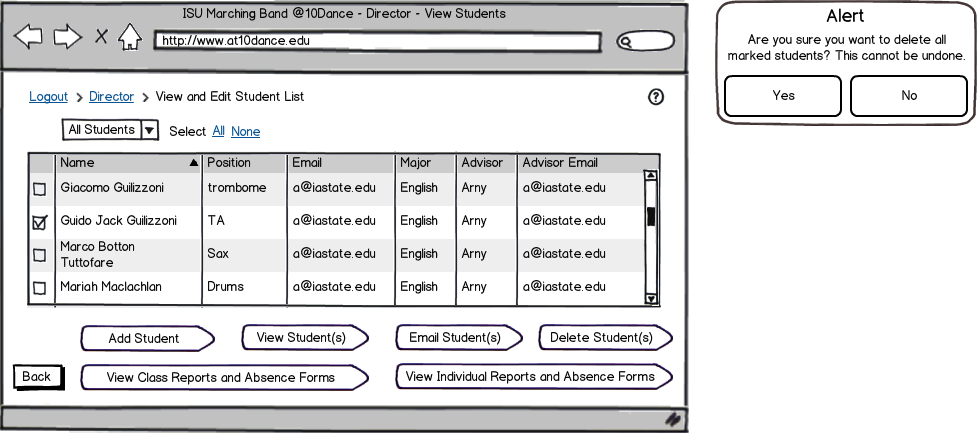
Annotations:



16\_Director\_Student\_List

Sketch: Todd Wegter, Yifei Zhu

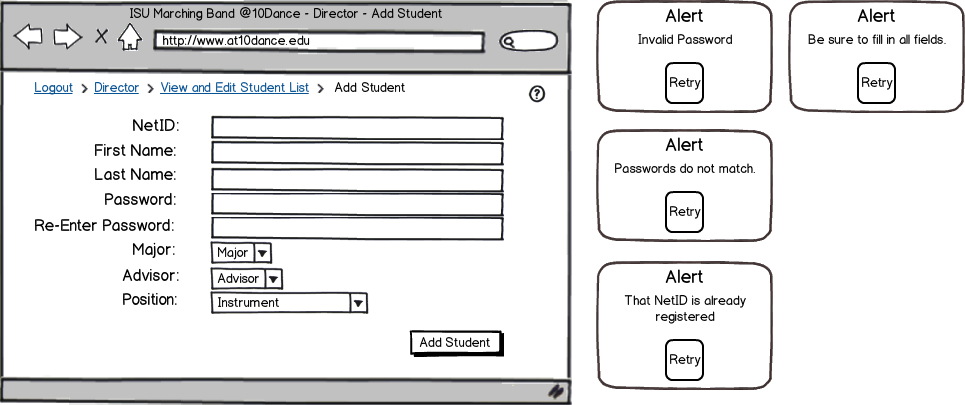
Annotations:



17\_Director\_Student\_Add

Sketch: Todd Wegter

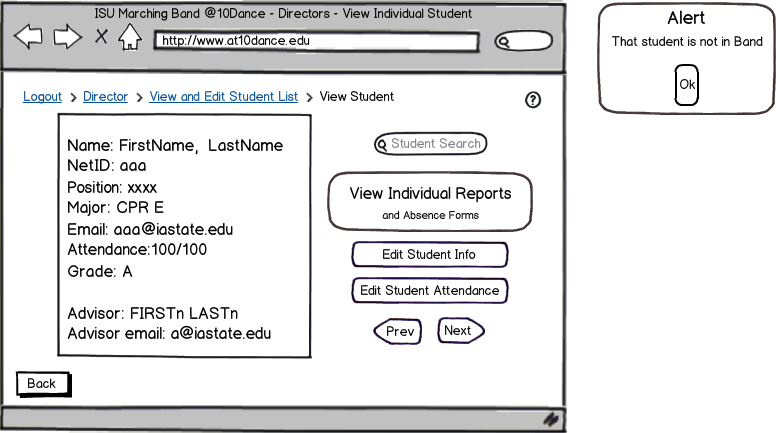
Annotations:



18\_Director\_Student\_View

Sketch: Todd Wegter, Yifei Zhu

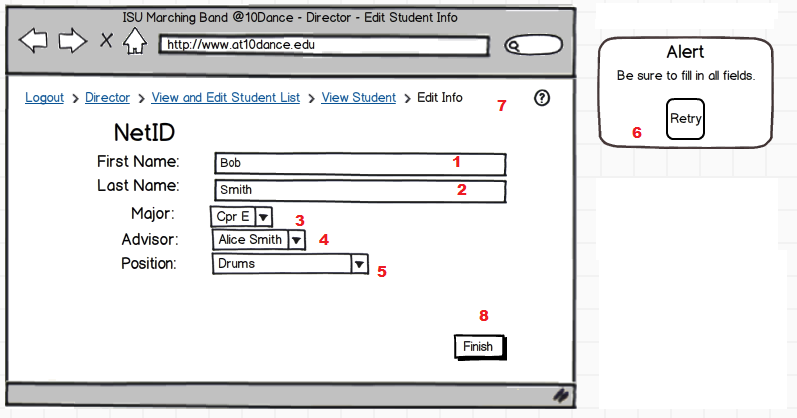
Annotations:



19\_Director\_Student\_Edit\_Info

Sketch: Todd Wegter

Annotations:



Change original file

**Purpose**: Allow director to modify student’s information

**Loading event:** User presses “Edit Student Info” button on View Student Window (Screen 18\_Director\_Student\_View)

**Interface items:**

1. The text field allows director to manually edit student’s first name

2. The text field allows director to manually edit student’s last name

3. The text field allows director to edit student’s major

4. The text field allows director to edit student’s advisor

5. The text field allows director to edit student’s position

6. The alert message invalid input

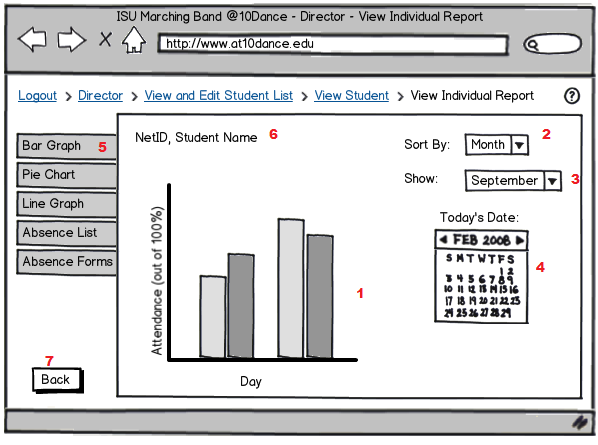
7. If the director click the question mark, then a help window appear (Screen 27\_Help).

8. The “Finish” button returns to the View Student webpage(Screen 18\_Director\_Student\_View)

20\_Director\_Student\_View\_Report

Sketch: Todd Wegter, Yifei Zhu

Annotations:



Weird graph??

**Purpose**: Director can view student’s attendance in bar graph

**Loading event:** User presses “View Individual Reports and Absence Forms” button on View Student Window page(Screen 18\_Director\_Student\_View)

**Interface items:**

1. The bar graph shows a student’s attendance

2. A drop down menu for selecting what to sort by

3. A drop down menu for selecting the timeline

4. A calendar to display the date

5. The tabs shows different types of graphs and forms

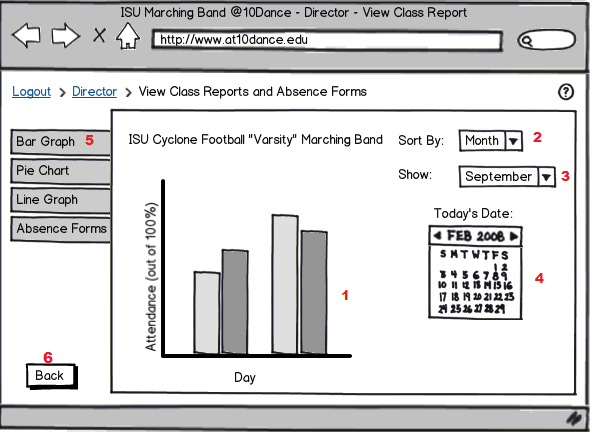
6. The title shows the student’s NetID and name

7. The “Back” button returns back to the student view (Screen 18\_Director\_Student\_View)

21\_Director\_View\_Class\_Report

Sketch: Todd Wegter, Yifei Zhu

Annotations:



**Purpose**: Director can view student’s attendance in bar graph

**Loading event:** User presses “View Individual Reports and Absence Forms” button on View Student Window page(Screen 18\_Director\_Student\_View)

**Interface items:**

1. The bar graph shows a student’s attendance

2. A drop down menu for selecting what to sort by

3. A drop down menu for selecting the timeline

4. A calendar to display the date

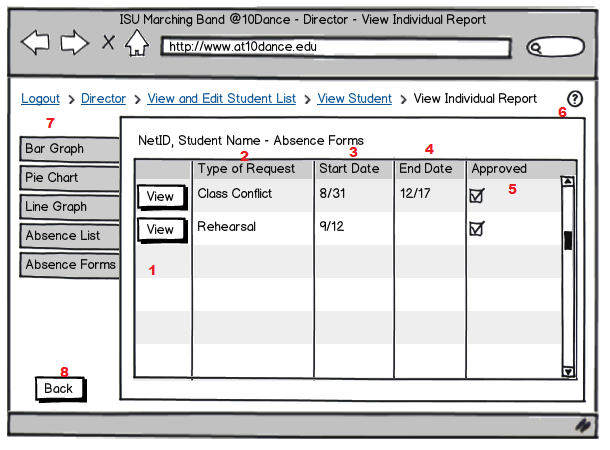
5. The tabs shows different types of graphs and forms

6. The “Back” button returns back to the student view (Screen 18\_Director\_Student\_View)

22\_Director\_Student\_View\_Absence

Sketch: Todd Wegter, Yifei Zhu

Annotations:



**Purpose**: Allow director to view individual student’s absence forms

**Loading event:** User presses “View Individual Reports and Absence Forms (???) ” button on View Student Window(Screen 18\_Director\_Student\_View)

(+ col num of request days?)

**Interface items:**

1. If the director click the “View” button, the specific form will popup.

2. This column displays the types of requests.

3. This column displays the request start date

4. This column displays the request end date

5. The checklist shows whether the requests have been approved.

6. If the director clicks the question mark, then a help window appears (Screen 27\_Help).

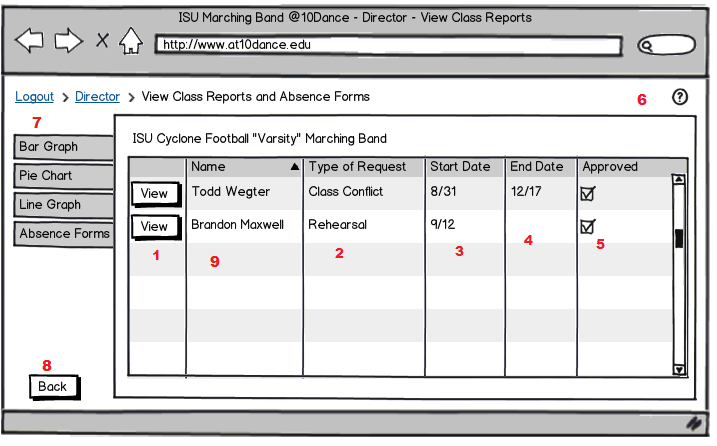
7. The tabs show different types of graphs and forms.

8. The “Back” button returns to the View Student webpage(Screen 18\_Director\_Student\_View)

23\_Director\_View\_Class\_Absence

Sketch: Todd Wegter, Yifei Zhu

Annotations:



**Same as 22+9**

**Purpose**: Allow director to view individual student’s absence forms

**Loading event:** User presses “View Individual Reports and Absence Forms (???) ” button on View Student Window(Screen 18\_Director\_Student\_View)

(+ col num of request days?)

**Interface items:**

1. If the director click the “View” button, the specific form will popup.

2. This column displays the types of requests.

3. This column displays the request start date

4. This column displays the request end date

5. The checklist shows whether the requests have been approved.

6. If the director clicks the question mark, then a help window appears (Screen 27\_Help).

7. The tabs show different types of graphs and forms.

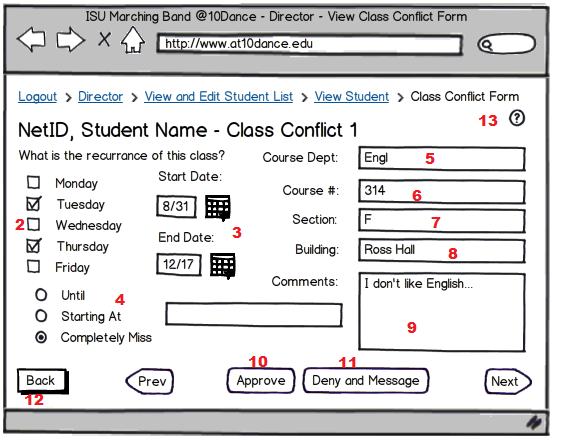
8. The “Back” button returns to the View Student webpage(Screen 18\_Director\_Student\_View)

9. The name list shows the students who have been absent from band practice

24\_Director\_Student\_View\_Conflict

Sketch: Todd Wegter, Yifei Zhu

Annotations:



Pre and next??? + num of days???

**Purpose**: Allow director to approve/disprove students’ class conflict forms

**Loading event:** User presses “View Individual Reports and Absence Forms ” button on View Student Window(Screen 18\_Director\_Student\_View)

**Interface items:**

1.(no 1)

2. The checkmark shows the dates a student has a class conflict.

3. The Start Date and End Date the student has classes conflict

4. ????

5. The text field shows the conflicts course department

6. The text field shows the conflicts course name

7. The text field shows the conflicts course section

8. The text field shows the conflicts course address

9. The text field shows comments from the student for the conflict

10. The Director clicks on the “Approve” button, if he agrees with the class conflict

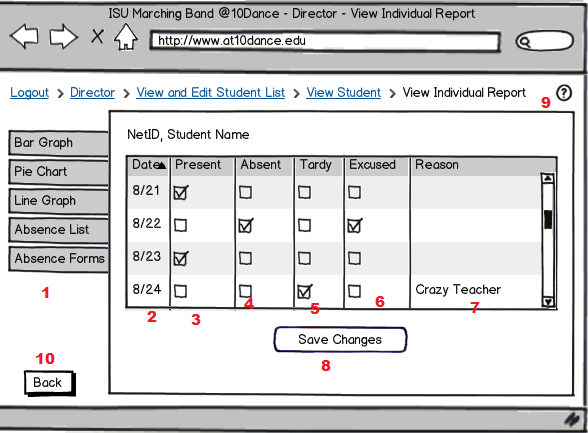
11. The Director clicks on the “Deny and Message” button, if he disagrees with the class conflict

12. The “Back” button returns back to the student view page(Screen 18\_Director\_Student\_View)

25\_Director\_Student\_Absence\_List

Sketch: Todd Wegter

Annotations:



**???? save changes – view ?? individual report?**

**Purpose**: Allows the director to view a student’s individual report

**Loading event:** User presses “View Individual Reports and Absence Forms ” button on View Student Window(Screen 18\_Director\_Student\_View)

**Interface items:**

1. The tabs show different types of graphs and forms.

2. The dates the students have class.

3. The checkmark indicates that the student came to class

4. The checkmark indicates that the student was absent from class

5. The checkmark indicates that the student was tardy from class

6. The checkmark indicates that the student was excused from class

7. The text field shows the reason the student could not get to class on time

8. Used to save all of the changes

9. If the director clicks the question mark, then a help window appears (Screen 27\_Help).

10. The “Back” button returns to the View Student webpage(Screen 18\_Director\_Student\_View)

26\_TA\_Page

Sketch: Todd Wegter

Annotations:

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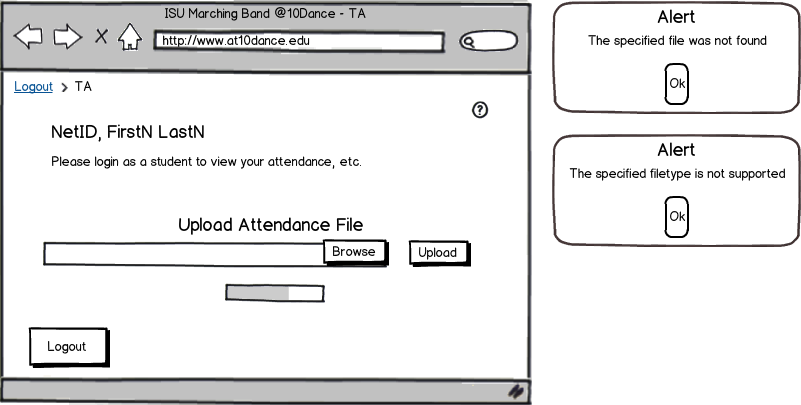
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27\_Help

Sketch: Todd Wegter

Annotations:

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28\_Student\_View\_Attendance\_List

Sketch: Todd Wegter

Annotations:

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29\_Student\_Absence\_Form\_List

Sketch: Todd Wegter, Yifei Zhu

Annotations:

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30\_Student\_View\_Absence\_Approval\_Forms

Sketch: Todd Wegter, Yifei Zhu

Annotations:

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31\_Director\_Student\_View\_Absence

Sketch: Todd Wegter

Annotations

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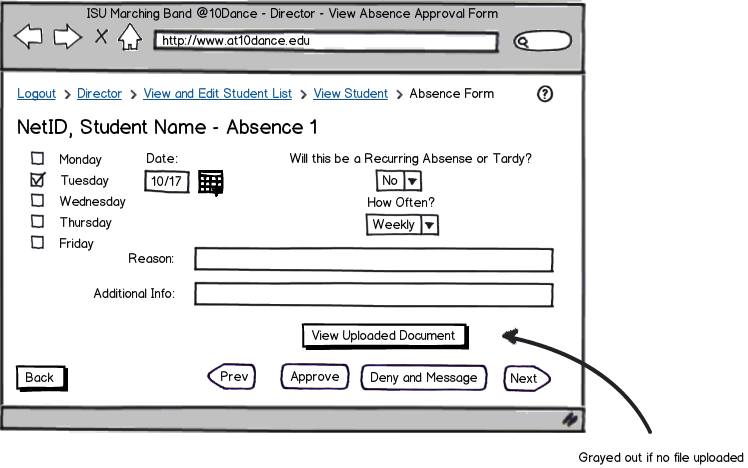
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32\_Student\_Message\_Center

Sketch: Todd Wegter

Annotations:

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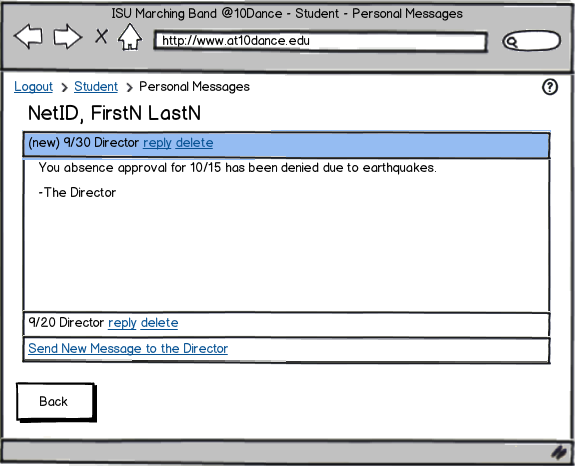
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33\_Director\_Message\_Center

Sketch: Todd Wegter

Annotations:

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