1.5 Overview

When The Ring Bells is an attandance tracker system. Teachers and instructors can track student progress and manage classes. Students can see their own progress and manage their classes at start of semester. Users have a lot of functions in general but if Student wants to take class, it must be approved by Student Affairs. In When The Ring Bells, students can see their attandance percanteges, lectures that they missed or joined. Also teachers can their students attandence percanteges. While they taking attandence, system will allow to choose between options about student condition. For example student might be joined, missed or excused. This will help the solve problem of tracking attendance and offers more organized tracking.

Supportability: Operator must be able register new teachers and students without modification to the existing system. Also this system must be able to be maintained and adapted.

Packacing: There will be no constraints delivery. When The Ring Bells is a website.

Use Case 1

Use case name: Admin Approves Change
Participant actors: Initiated by Admin

Flow of events:
   1. Admin sees the request.
   2. Admin clicks the request button.
   3. Admin chooses the request.
   4. Admin sees detailed information about the change request.
   5. Admin approves the change.
 	
   6. Student Affairs is notified when Admin approves the change.

Entry condition: Admin is logged into When The Ring Bells. Admin clicks request page button.

Exit conditions:
  • When the system sends notification to Student Affairs, **OR**
  • Student affairs receives an explanation indicating why Admin did not approved the change request.

Quality requirements:
  • Student Affairs gets respond within 1 day.
  • Admin sees detailed infomation about changes and when is the dead line of request.

Use Case 2

Use case name: Admin Approves Remove Student
Participant actors: Initiated by Admin

Flow of events:
  1. Admin sees the request.
  2. Admin clicks the request button.
  3. Admin sees detailed information about student and class.
  4. Admin clicks the manage class button.
  5. Admin clicks the class.
  6. Admin finds the student.
  7. Admin deletes the student.
  8. Student gets removed by class.
 	
  9. System sends notification to Student Affairs.

Entry condition: Admin is logged into When The Ring Bells. Admin clicks request page button.

Exit conditions:
  • When the system sends notification to Student Affairs, **OR**
  • Student affairs receives an explanation indicating why Admin did not approved the removing student.

Quality requirements:
  • Students removed by class within 1 day.
  • System holds the data of student's attandance until student gets removed.

Use Case 3

Use case name: Admin Approves Delete Student
Participant actors: Initiated by Admin

Flow of events:
  1. Admin sees the request
  2. Admin clicks the request button.
  3. Admin sees detailed information about student.
  4. Admin clicks delete user button and find student name, surname, id and classes.
  5. Admin confirms to delete student and delete the user.
  6. Student gets deleted from classes and lists.
 	
  7. System sends notification to Student Affairs.

Entry condition: Admin is logged into When The Ring Bells. Admin clicks request page button.

Exit conditions:
  • When the system sends notification to Student Affairs, **OR**
  • Student affairs receives an explanation indicating why Admin did not approved the change request.

Quality requirements:
  • Student gets deleted from data base.
  • Student can not login after get deleted.

Use Case 4

Use case name: Admin Approves Class of Student
Participant actors: Initiated by Admin

Flow of events:
  1. Admin sees the request.
  2. Admin clicks the request button.
  3. Admin clicks the request.

4. Admin sees detailed informatin that contains student's name, surname, id and class name and id.
5. Admin clicks name of class.
6. Admin clicks the manage class button.
7. Admin enters the student's name, surname and id.
8. Admin clicks confirm.
9. System sends notification to Student Affairs.
Entry condition: Admin is logged into When The Ring Bells. Admin clicks request page button.
Exit conditions: • When the system sends notification to Student Affairs, **OR** • Student affairs receives an explanation indicating why Admin did not approved the change request.
Quality requirements: • Student gets added to class list within 1 min after Admin approves change. • Student's schedule upgraded within 1 min.

Use Case 5

Use case name: Admin Approves Class of Teacher
Participant actors: Initiated by Admin
Flow of events: 1. Admin sees the request. 2. Admin clicks the request button. 3. Admin clicks the request.

4. Admin sees detailed informatin that contains teacher's name, surname, id and class name and id.
5. Admin clicks name of class.
6. Admin clicks the manage class button.
7. Admin clicks add teacher button.
8. Admin enters the teacher's name, surname and id.
9. Admin clicks confirm.

10. System sends notification to Student Affairs and Teacher

Entry condition: Admin is logged into When The Ring Bells. Admin clicks request page button.

Exit conditions:
- When the system sends notification to Student Affairs and Teacher, **OR**
- Teacher or Student affairs receives an explanation indicating why Admin did not approved the change request.

Quality requirements:
- Teacher gets added to class list within 1 min after Admin approves change.
- Teacher's class list upgraded within 1 min.
- Teachers can not be add to class if this class already have teacher.