Harrison College: Pages and Forms

**users.html (permission: admin)**

**Description**: Used by admin to change user’s role, it will display a table list of all users and their roles

**Content**: Table should have the following columns:

* + Username
  + First Name
  + Last Name
  + Role
  + Update Role To (to have the following links):
    - Student (goes to studentform.html)
    - Instructor (goes to instructor form.html)
    - Advisor
    - Admin

Note: Link for current role will be hidden

**Queries Using this Page:**

* Change a new user’s type to: student, instructor, advisor, admin (permission: admin)

**studentform.html aka registration form (permission: all)**

**Description**: Used by everyone to register for an account, used by admin to update user to a student

**Content**: The following fields are needed:

* Student ID (hidden)
* User ID (hidden)
* First Name (textbox)
* Last Name (textbox)
* Student Number (textbox)
* Entry Year (textbox)
* Major (dropdown with non-disabled majors)
* Username (textbox)
* Password (textbox)

**Queries Using this Page:**

* Registration (permission: all)
* Change user’s role student (permission: admin)

**instructorform.html (permission: admin)**

**Description**: Used by admin to change user’s role to instructor

**Content**: The following fields are needed:

* Instructor ID (hidden)
* User ID (hidden)
* First Name (textbox)
* Last Name (textbox)
* Username (textbox)
* Department (dropdown with non-disabled departments)
* Employee Number (textbox)
* Office Number (textbox)

**Queries Using this Page:**

* Change user’s role to instructor (permission: admin)

**departments.html (permission: admin)**

**Description**: Displays table list of departments

**Content**: Table should have the following columns:

* Department
* Blank column header for links (admin view only), links include:
  + Update department name (admin view only)
  + Disable department (admin view only)

**Queries Using this Page:**

* List all departments (permission: admin)
* Disable department (permission: admin)

**departmentform.html (permission: admin)**

**Description**: Allows admin to add/update departments

**Content**: The following fields are needed:

* Department ID (hidden)
* Department Name (textbox)
* Disabled (dropdown: yes/no)

**Queries Using this Page:**

* Create/update departments (permission: admin)

**majors.html (permission: all)**

**Description**: Displays table list of majors

**Content**: Table should have the following columns:

* Department Name
* Major
* Blank column header for links (admin view only):
  + Disable (admin view only)

**Queries Using this Page:**

* List all majors (permission: admin)
* Disable major (permission: admin)
* View all majors in a department (permission: all)

**majorform.html (permission: admin)**

**Description**: Allows admin to create/update majors

**Content**: Form should contain the following fields:

* Major ID (hidden)
* Department (dropdown of non-disabled departments)
* Major Name
* Disabled (dropdown: yes/no)

**Queries Using this Page:**

* Add new major (permission: admin)
* Update major (permission: admin)

**courses.html (permission: all)**

**Description**: Displays table list of courses

**Content**: Table should have the following columns:

* Department
* Course Number
* Course Name
* Number of Credits
* Blank column header for links (admin view only), links include:
  + Update course info (admin view only)
  + Disable course (admin view only)

**Queries Using this Page:**

* View all course (permission: all)
* View all courses in a department (permission: all)
* Disable course (permission: admin)

**courseform.html (permission: admin)**

**Description**: Allows admin to add/update courses

**Content**: The following fields are needed:

* Course ID (hidden)
* Subject (dropdown)
* Major (dropdown)
* Course Number (textbox)
* Course Name (textbox)
* Number of Credits (textbox)
* Disabled (dropdown: yes/no)

**Queries Using this Page:**

* Create/update courses (permission: admin)

**classes.html (permission: all)**

**Description**: Displays table list of classes

**Content**: Table should have the following columns:

* + Department
  + Subject
  + Course
  + Instructor
  + Class Days
  + Class Time
  + Credits
  + Semester
  + Blank column header links:
    - Delete button (available to admins only)
    - “Enroll” in class (available to students and advisors)
    - “Drop” class (available to students and advisors)
    - “Students” in class (available to instructor only, links to students.html)
    - “View grade sheet” (instructor view only, links to students.html)

**Queries Using this Page:**

* View a list of all classes of a course (permission: admin)
* View a list of all classes that an instructor has taught (permission: admin)
* View a list of all instructors that have taught a class (permission: admin)
* View all classes by a student (permission: admin)
* View all classes by an instructor (permission: admin)
* View all classes at a certain time in the current semester (permission: all)
* View all classes by an instructor in a current semester (permission: all)
* View all classes in a subject in current semester (permission: all)
* View all classes in current semester (permission: all)
  + View their classes in the current semester (permission: instructor)
  + View all current classes in a department (permission: all)
  + View their current schedule (permission: student)
* Remove class from schedule for current or later semester (need OrphanRemoval = true for Class entity) (permission: admin)
  + View grade sheets from previous semesters (permission: instructor)

**classform.html (permission: admin)**

**Description**: Allows admin to add new classes

**Content**: The following fields are needed:

* Subject (dropdown)
* Course (dropdown with non-disabled courses)
* Instructor (dropdown)
* Classroom (dropdown with non-disabled classrooms)
* CRN (textbox)
* Semester (dropdown: past, current, future)
* Days (textbox)
* **Time (textbox)?**

**Queries Using this Page:**

* Add class to schedule for current or later semester (permission: admin)

**classrooms.html (permission: admin)**

**Description**: Used by admin to view table list of classrooms. We can have a variable to change the page name dynamically at the top based on query (For example:

* + HTML page will have **<h1>Classrooms used by [[${type}]]</h1>**
  + HomeController will have **model.addAttribute(“type”, student\_name)**

**Content**: Table should have the following columns:

* Building name
* Room number
* Capacity
* Disabled
* Blank column header (holds links for: update/disable (available only if classroom is not already disabled) classroom)

**Queries Using this Page:**

* List/disable classroom (permission: admin)
* View a list of all classrooms used by a course (permission: admin)
* View a list of all classrooms used by a student (permission: admin)
* View a list of all classrooms used by an instructor (permission: admin)

**classroomform.html (permission: admin)**

**Description**: Used by admin to add or update classroom info

**Content**: The following fields are needed:

* Classroom ID (hidden)
* Building name (textbox)
* Room Number (textbox)
* Capacity (textbox)
* Disabled (dropdown: yes/no)

**Queries Using this Page:**

* Add/update classroom (permission: admin)
* Override maximum enrollment hold (permission: admin)
* Disable classroom (permission: admin)

**students.html (permission: admin, instructor)**

**Description**: Displays table list of students, we can have a variable to change the page name dynamically at the top based on query (For example:

* + HTML page will have **<h1> [[${page\_title}]]</h1>**
  + HomeController will have **model.addAttribute(“page\_title”, “Students Taught by “ + instructor.name)**

**Content**: Table should contain the following columns:

* Student Number
* Student First Name
* Student Last Name
* View Transcript Link (advisor view only, links to transcript.html)
* Assign grade (instructor view only)

Note: This column will contain a textbox and button to assign/save grade for the student, we will need to pass in the class\_id when the instructor clicks the button to view a list of students for a particular class from classes.html

* Grade (instructor view only, this will contain a grade for the student of a specific class and semester for one instructor that will be passed in when the instructor clicks “view grade sheet” from classes.html)

**Queries Using this Page:**

* View a list of all students taught by an instructor (permission: admin)
* Get the roster of students in their classes from this semester or previous semesters (permission: instructor)
* Assign grades to students in their classes (permission: instructor)
  + View grade sheets from previous semesters (permission: instructor)

**transcript.html (permission: student, advisor)**

**Description**: Allows students/advisors to see transcript, should contain a table listing all courses and grades for a student along with a GPA calculation at the end and a button at the top to “Buy Official Transcript for $5” (student view only)

**Content**: Table should contain the following fields:

* Course Number
* Course Number
* Number of Credits
* Grade

**Queries Using this Page:**

* View their unofficial transcript (permission: student)
* View a student’s transcript (permission: advisor)
* Buy an official transcript ($5) (permission: student)