

# Schedule Planner

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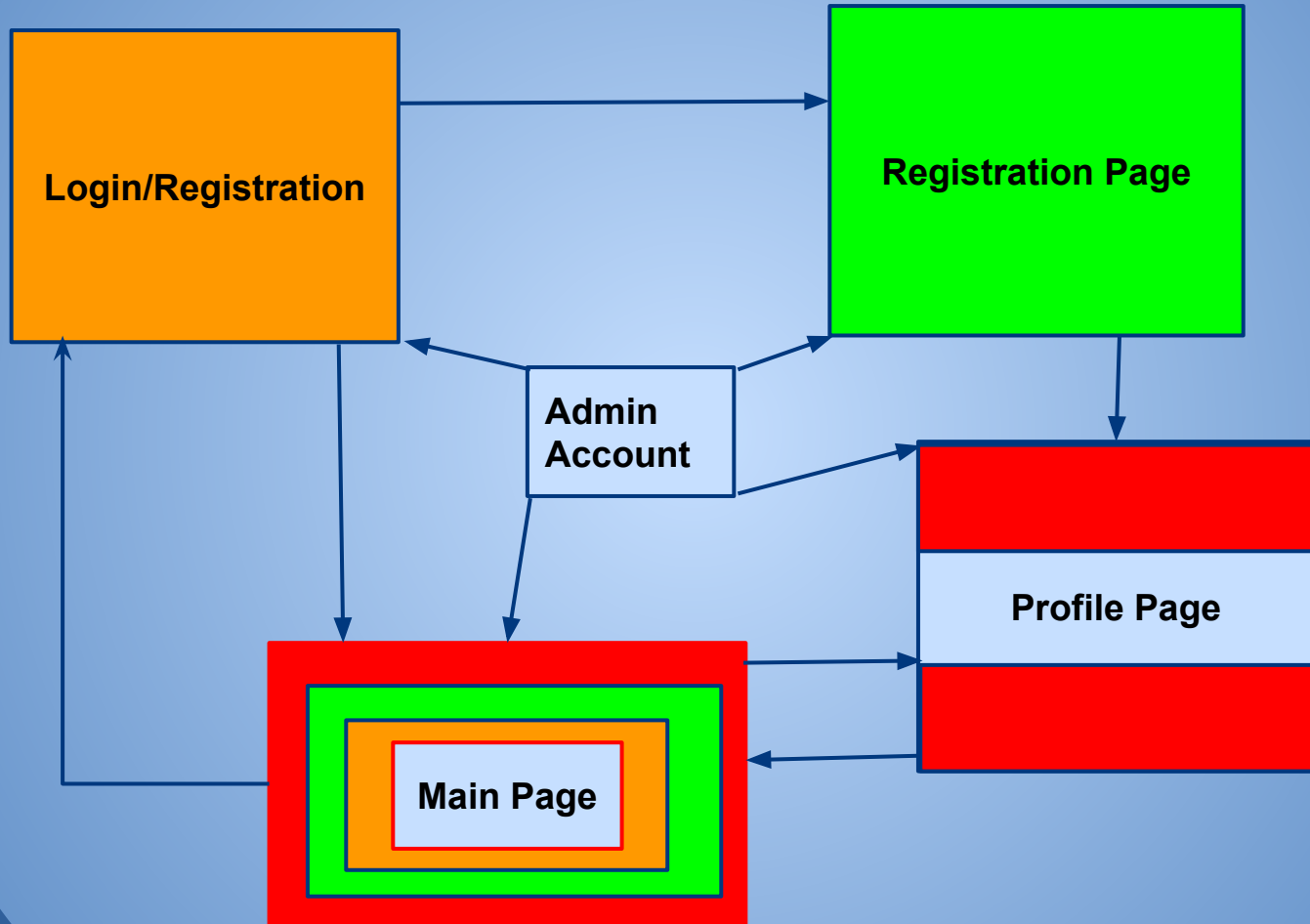
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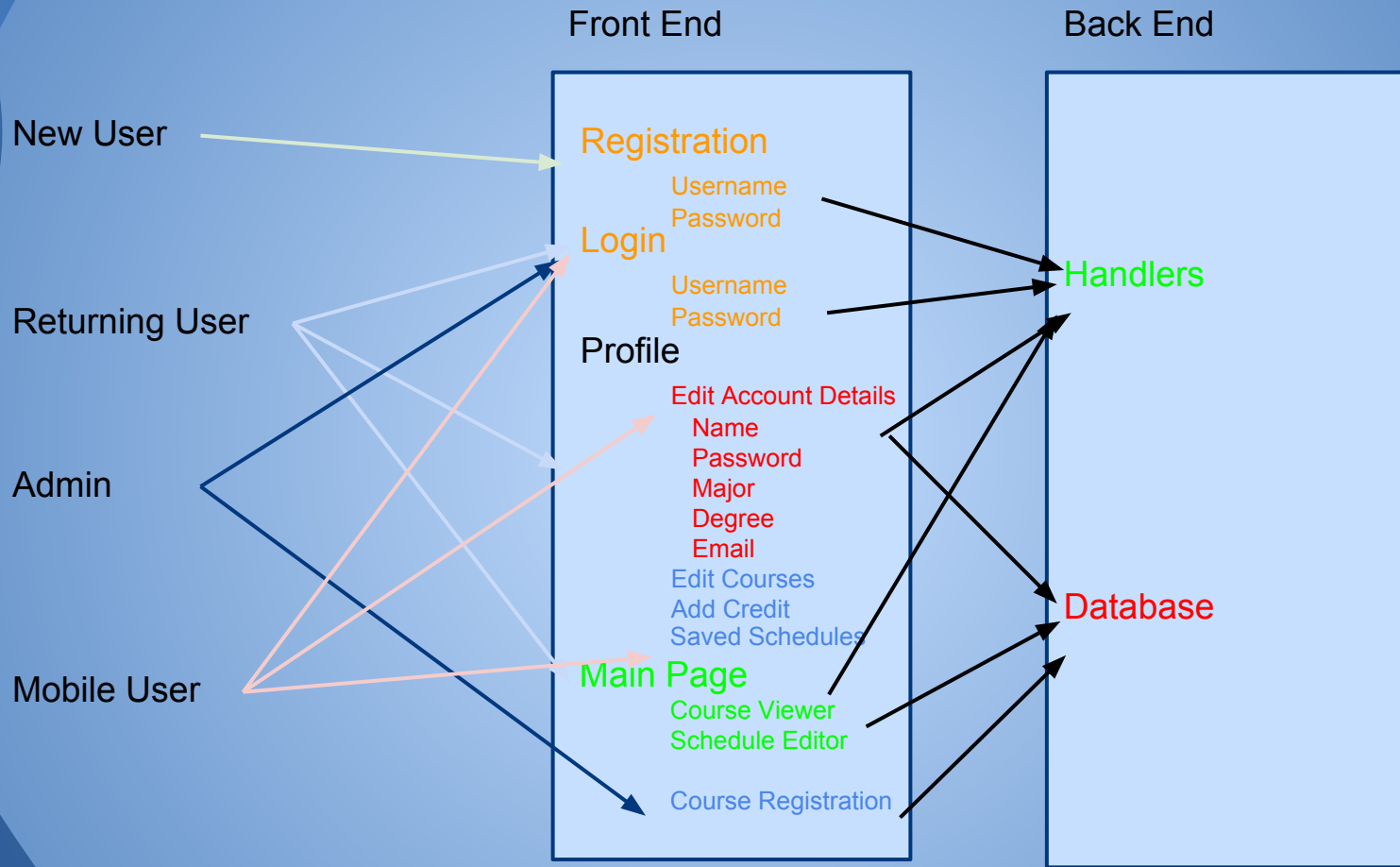
# Schedule Planner

- work similarly to the semester schedule planning feature available on ISIS
- standalone component
- allow for courses to be added to a student's list of intended classes for a semester
- generates a list of possible schedules based on known class times and dates

## Account system requirements:

- Registration of a new profile
- Log in to an existing profile
- Update or creation of a profile's information
- Storage of account information
- Access to account information by users on the website
- Log in for mobile viewers with limited editing ability





# Login/Registration Page

- Username field
- Password field
- Login Button
- Register button

# Registration Page

- Username
- Password
- Major
- Department (Bachelor of Arts/Science)
- Classes Taken (with verification)

# Profile Page

- Edit credentials button
- Logout button
- Username
- Change password
- Courses taken



Hello, Username

Save Changes

Logout

Username

Password

Email

Major

Department

List of Classes

Break List

Schedule

# Main Page

- Static header (Username, Edit, Logout)
- Schedule Generator
- Scheduled classes diagram
- Course lists
  - CSCE classes
  - Social Science Electives
  - Free Electives
  - Fine Arts Electives
  - Science Electives

Username

Name

Save Changes

Password

Email

Major

Department

Verify Class List  
Button

List of Classes

Red = required

Green = recommended

Grey = not available

Black = available

Add Class

Selected Classes

Hello, Username

Edit Profile

Logout

Fill Class List  
Button

Generate  
Schedule  
Button

List of Classes

Schedule

## Registration

- User accesses home page
  - User clicks on “Register”
  - System shows registration page
  - User fills in his information
  - User clicks on “Send”
  - System saves user’s information temporary to the database
  - System sends a code to the user’s e-mail
  - System shows page waiting for user to enter the code
  - User enters the code
  - System saves user’s information permanently to the database
  - System shows main page
- 
- Verify if username is available
  - Ask for password confirmation
  - Temporary database information is deleted after some days

## Logging In

- User accesses home page
- User enters his username (or e-mail) and password
- User clicks on “Login”
- System shows main page

## Password Retrieval

- User clicks on “Forgot password”
  - User enters his e-mail or username
  - User clicks on “OK”
  - System creates a temporary password for user
  - System sends an e-mail to the user with the temporary password
  - User logs in with temporary password
  - System detects it is a temporary password
  - System asks user to modify his password
  - User types in new password
  - User clicks “Save”
  - System modifies database with the new password
  - System invalidates the temporary password
- System automatically deletes temporary password after some hours

## Modifying Profile Information

- User clicks on “Edit Account Information”
- User modifies the information he wants
- User clicks on “Save”
- System modifies information on the database
  - If password changed, ask for password confirmation
  - If e-mail changed, send another confirmation
  - Username cannot change



## Making a Schedule

- User selects the courses he wants to take
- User selects breaks
- User clicks on “Generate”
- System displays generated schedule
- User clicks on “Save”
- System saves the generated schedule and the input information

### **Adding New Courses (Possibility)**

- User clicks on “Edit Courses”
- User fills in or deletes the classes he wants
- User clicks on “Save”
- System modifies information on the database

# Database tables

- **Profile**

- E-mail
- Username
- Major
- Degree
- Registration time
- Courses taken

- **User**

- Username
- E-mail
- Password
- Password's salt
- Temporary password

- **Classes**

- Class number
- Semester
- Course ID
- Course title
- Career
- College
- Times
- Instructor
- Prerequisites
- Corequisites

- **Registration**

- E-mail
- Username
- Password
- Password's salt
- Code

- **History**

- Time
- User
- Classes selected
- Breaks selected

- **Schedules**

- Time
- User
- Schedules



Username  
Password  
Register

[Forgot Password?](#)

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