**Project 1 Documentation**

Main Idea: Build an advising website (broken down into an advisor interface and a student interface) that has a feature which replaces the paper documents that advisors currently have students fill out by hand.

**Database:**

1. Advisor Tables

- advisors\_majors: columns are the id, and each of the eight majors, which store   
 Boolean values depending on if the advisor can advise that major or not

- advisor\_appts: columns are the id, date, each of the eighteen time blocks (saved as   
Boolean values), and the corresponding location each of the eighteen time blocks (saved as text values)

-advisor\_info: columns are id, username, password (saved with md5 hash), lname, fname, office, and email

2. Student Tables   
 - students\_basic\_info: columns are id, lname, fname, email, umbc\_ID, and each of the   
 eight majors (set as Boolean values depending on what student selects)   
 - students\_advising\_info: columns are `id`, `bio\_ba`, `bio\_bs`, `biochem\_bs`,   
 `bioinfo\_bs`, `bioedu\_ba`, `chem\_ba`, `chem\_bs`, `chemedu\_ba`, `minor1`, `minor2`,   
 `minor3`, `minor4`, `futureplans`, `resources`, `experience`, `current\_course1`,   
 `current\_course2`, `current\_course3`, `current\_course4`, `current\_course5`,   
 `current\_course6`, `current\_course7`, `current\_course8`, `current\_course9`,   
 `current\_course10`, `next\_course1`, `next\_course2`, `next\_course3`, `next\_course4`,   
 `next\_course5`, `next\_course6`, `next\_course7`, `next\_course8`, `next\_course9`,   
 `next\_course10`, `reason\_course1`, `reason\_course2`, `reason\_course3`,   
 `reason\_course4`, `reason\_course5`, `reason\_course6`, `reason\_course7`,   
 `reason\_course8`, `reason\_course9`, `reason\_course10`, `credits\_course1`,   
 `credits\_course2`, `credits\_course3`, `credits\_course4`, `credits\_course5`,   
 `credits\_course6`, `credits\_course7`, `credits\_course8`, `credits\_course9`,   
 `credits\_course10`, `credits\_earned`, `gpa`, `upper\_credits`, `writing\_intensive`,   
 `phys\_ed`, `english`, `arts\_hum`, `soc\_sci`, `math`, `science`, `culture`, `req\_201\_lang`,   
 `assessment`, `resource1`, `resource2`, `resource3`, `resoucre4`, `resource5`,   
 `resource6`, `resource7`, `resource8`, `time\_commitments`, `commitment\_hours`,   
 `commute`, `new\_commute`, `new\_work`, `fam\_responsibilities`, `new\_extracurr`,   
 `new\_commutehours`, `new\_workhours`, `new\_familyhours`, `new\_extracurrhours`,   
 `comments  
 - student\_appts: columns are id, advisor\_ID, date, time

**Web Pages:**

1. Advisor Website  
 -**Login**   
 -username, password  
 - has verification  
 - Create new account button link to registration page, Login button links to   
 homescreen  
 - **Registration**  
 - fname, lname, email, ID, password, confirm password, office location,   
 email, majors to advise  
 - Register button links to homescreen  
 -**Home Screen  
 -** links to Edit Appointments, View Appointments, Edit Account Info, and   
 Logout   
 -**Edit Appointments**   
 - date input for advisors to select day  
 - three columns below day: time (checkboxes), type (unsigned int),

location

-**View Appointments**  
 - links to a date selector  
 - once date is selected, links to page that displays appointment day, time,   
 type, and location

-**Edit Account Info  
 -** links to a replicaof the registration page where advisors can update   
 all of that info  
 -**Logout** -deletes session variables, ends session

2. Student Website  
 -**Login**   
 -email, password  
 - has verification  
 - Register button links to registration page, Login button links to   
 homescreen  
 - **Registration**  
 - fname, lname, email, ID, password, confirm password, major  
 - Register button links to homescreen  
 -**Home Screen** -Links to Search for an Appointment, View My Appointments, Pre-Advising   
 Worksheet, Edit My Information, and Logout  
 -**Search for an Appointment  
 -** links to a form where student enters ID, selects and appointment date (HTML date   
 input), and selects times (checkboxes) they want to see for that day, and type (all   
 appointments, group appointments, individual appointments)  
 -**View My Appointment**   
 - queries data from student\_appts table and displays

-**Pre-Advising Worksheet**  
 - HTML form with fields the student can fill out and submit  
 - data enters the advising\_info table

-**Edit My Information  
 -** links to a replicaof the registration page where students can update   
 all of that info  
 -**Logout** -deletes session variables, ends session