



Al Imam Muhammad ibn Saud Islamic University  
College of Computer and Information System  
Computer Science Department  
1<sup>st</sup> semester 1442 H – 2020 G



## **CS 438 – Internet Technologies**

### **Project**

Collage of Computer and Information Science at Al Imam Muhammad bin Saud Islamic  
University (CCIS IMAMU)

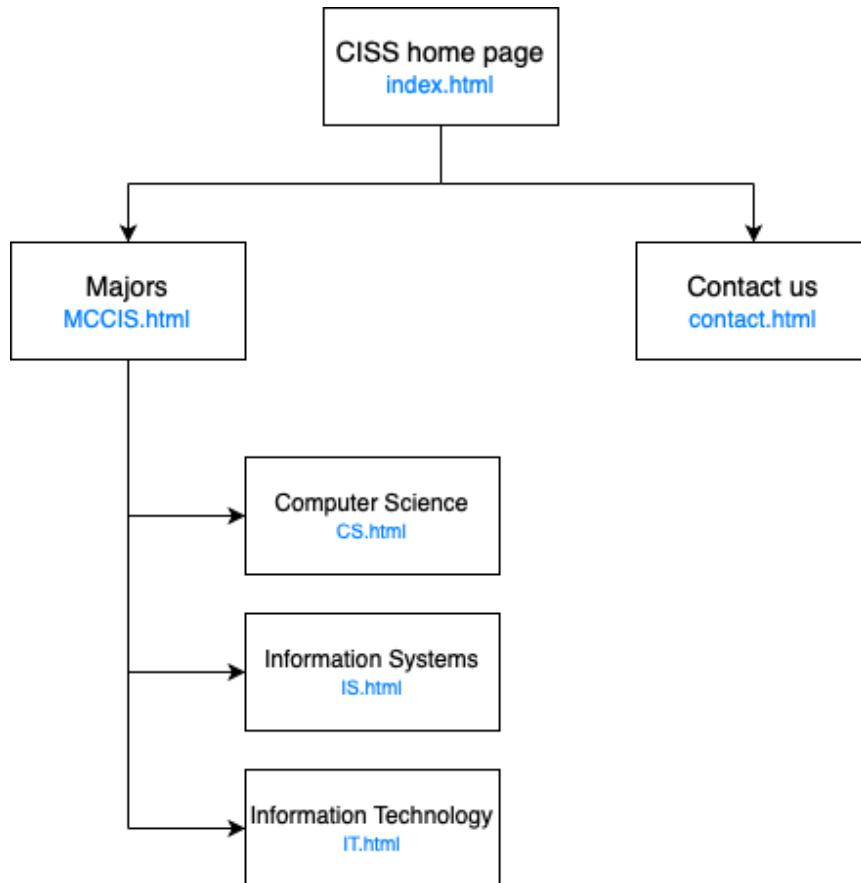
**BY**

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In this project, concerns the Collage of Computer and Information Science at Al Imam Muhammad bin Saud Islamic University — the website has information about the computer and information science college, its departments and the student clubs. Each department has a section on the website showing the department study plan, the books, and the slides for each subject. Also, students can upload their own notes and clarifications that they have taken for a particular subject to help other students.

## 1. Site Map



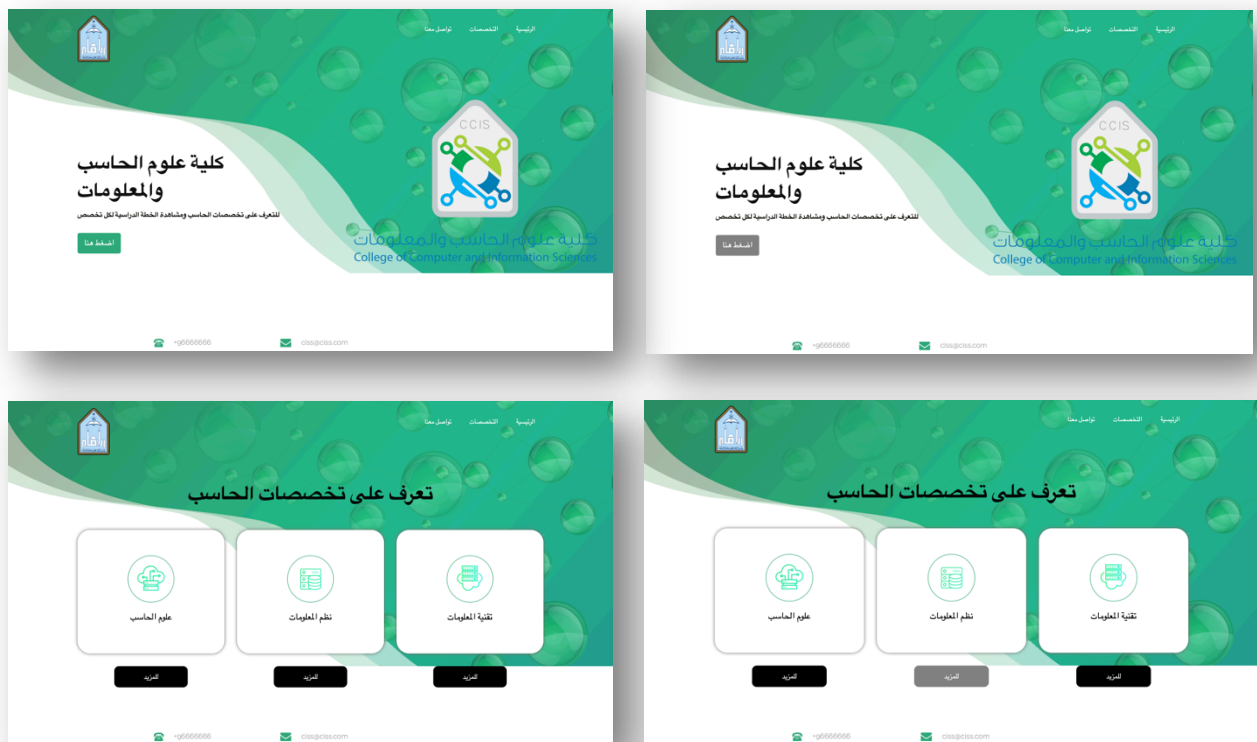
## 2. Look & Feel

Our website was designed in colors consistent with the color and shape of the logo of the College of Computer at Al-Imam University. The colors were comfortable for the eye and did not cause a distraction for the user. Also, the fonts used in writing were consistent with the colors and the position of the text. It illustrates the available options and specializations, an example of a picture showing the specialization of computer science, and a picture showing the download of the plan to make it easier for the user to understand. The site is in ways that are simple for the user. The site does not require high computer experience.

- <https://getbootstrap.com>
- <https://github.com/twbs/bootstrap/blob/master/LICENSE>

## 3. Dynamic Components

Every page in our website include a simple JavaScript, as when the user mouseover a button on the website the button color changes. As shown in the figures below.

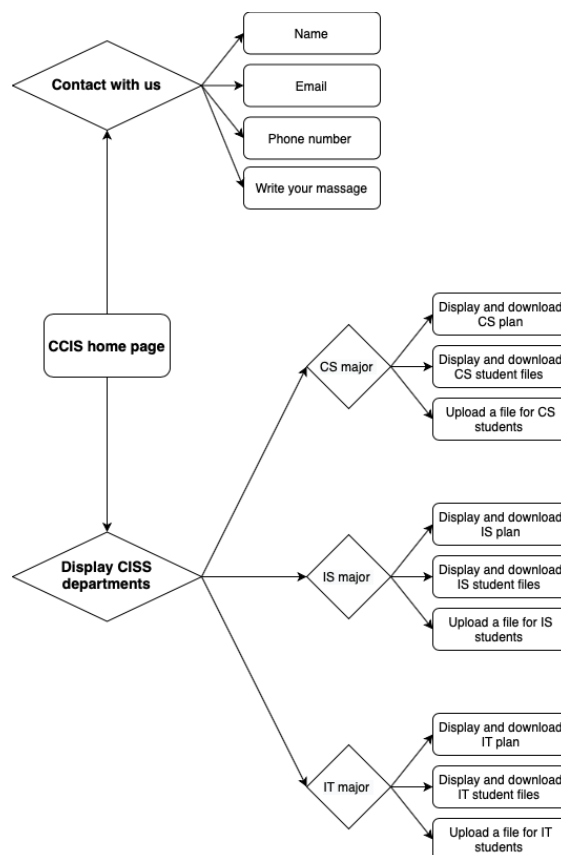


## 4. Business Logic

Our website has been linked to using (php) language, when the user wants to communicate with us at the Contact us page. After filling in the required information and pressing send, a message will appear to the user as shown in the figure.



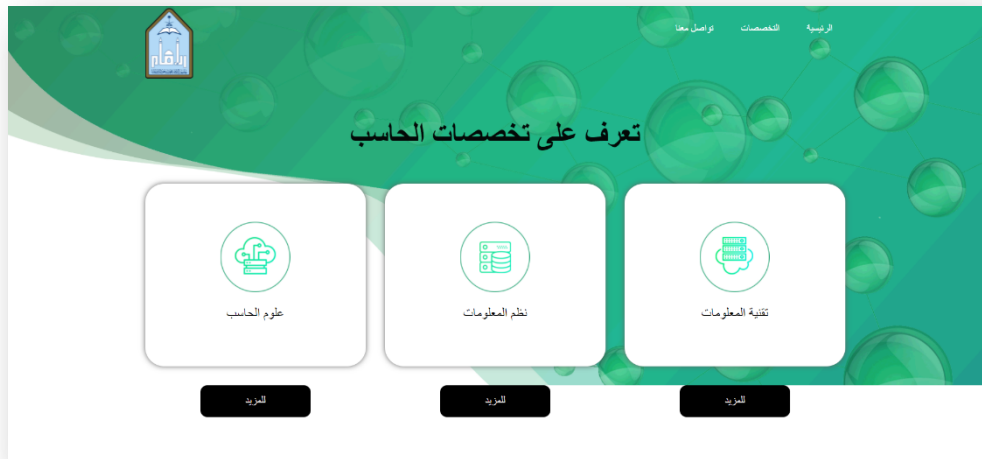
## 5. User Interaction



## 6. Web Application Testing

These cases demonstrate the correctness of our website's response:

**CASE1** When the user clicks on the (majors) option, the special page for the computer majors will appear (computer science, information systems, information technology).



**CASE2** If the user clicks on the (Contact Us) option, the required information will appear for the user to contact us (Name, email, mobile number, message).

A screenshot of a web application page titled 'طلب تواصل معنا' (Request to contact us). The page has a green background with a network of nodes and lines. At the top right is a navigation link: 'الرئيسية' (Home). The main content area features a white form with four input fields: 'الاسم' (Name), 'البريد الإلكتروني' (Email), 'رقم الجوال' (Mobile number), and 'اكتب رسالتك' (Write your message). Below the form is a red button with the text 'إرسال' (Send).

**CASE3** After selecting the major by the user, the available options will appear, including the view and download of the study plan. If the user clicks on it, the study plan will be viewed and downloaded to the user successfully.



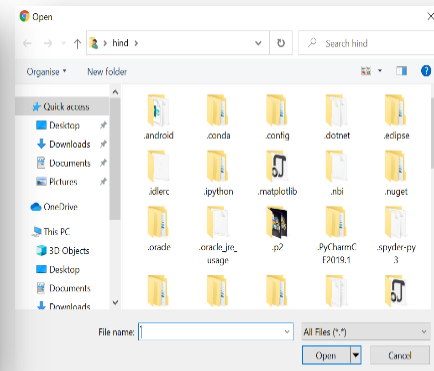
الخطة الدراسية لمرحلة البكالوريوس (علوم الحاسب) تتضمن 8 مستويات دراسية و 136 وحدة دراسية

وصف المقرر	المستوى	عدد الوحدات	اسم المقرر	رقم المقرر
التحميل	1	3	برمجة أساسية	104
التحميل	1	4	برمجة الحاسبات 1	140
التحميل	1	4	حساب التفاضل والتكامل التطبيقي 1	113
التحميل	3	3	الرياضيات العامة	103
التحميل	1	3	اللغة الإنجليزية 1	140
التحميل	1	1	البرازيل التكميل 1	101
		18		

وصف المقرر	المستوى	عدد الوحدات	اسم المقرر	رقم المقرر
التحميل	104	3	المصطلح الرياضي	106
التحميل	140	4	برمجة الحاسبات 2	141

**CASE4** After selecting the major by the user, the available options will appear, including uploading files from the user's device. If the user presses (choose a file), the window for selecting files from his device will appear, then the user can upload the file successfully.



## References

- <https://getbootstrap.com>
- <https://github.com/twbs/bootstrap/blob/master/LICENSE>
- <https://units.imamu.edu.sa/colleges/ComputerAndInformation/Pages/default.aspx>
- <https://ccisimamu.000webhostapp.com/contact.html>