

Information Technologies

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Lecture 14 - Overview

How 550 Info Tech Course Relates to Other MI Courses

Project Key Steps

Work on Project and Exercise Revisions

Lectures – Week 14 Content

<http://comminfo.rutgers.edu/~aspoerri/Teaching/InfoTech/Lectures.html#week14>

How 550 Course Relates to Other MI Courses

	Databases	Programming	Design
<u>557 Database Design and Management</u>	Yes		
<u>559 Web Programming</u>		Yes	Yes
<u>560 Foundations of Data Science</u>	Yes	Yes	
<u>562 Problem Solving with Data</u>	Yes	Yes	
<u>551 Information Retrieval</u>	Yes	Yes	
<u>554 Information Visualization</u>	Yes	Yes	
<u>555 Multimedia Production</u> (in redesign process)		Yes	Yes
<u>552 Understanding Library Systems</u>	Yes	Yes	
<u>558 Digital Library Technology</u>	Yes	Yes	

Project– Key Steps

Step 0 – **Collect needed Ex2, Ex3, Ex4 and Ex5 files**

Step 1 – **Extend Bootstrap Navigation** used in Ex3, Ex4, Ex5
“**you are here**” indicator in **Dropdown** for secondary pages

Step 2 – **Home** (Jumbotron + Cards = Ex3) – Overview , Links to Themes

Step 3 – **Interests - Intro** (Carousel) = Ex3 – 3 Columns + Links
Add **Interests pages** = Ex2 as secondary pages + Dropdown links

Step 4 – **Info Tech: Intro** (Alert) – How InfoTech is used + Links

Step 4a – Info Tech: **Open-Source tool + Validated Form** = Ex4

Step 4b – Info Tech: **Tools + Form to PHP** and **PHP Results** = Ex5
Bullet list of tools and attach **anchor** that links to h2 headline for tool

Step 5 – **About** (Tabs = Ex3) – Intro, Image Rollover, Screencast

Step 6 – **CSS & Bootstrap Requirements** Clean Slate CSS | Floating
Images | Jumbotron | Cards | Alert | Carousel | Tabs

Step 7 – **JavaScript Requirements**

Image Rollovers | Form Validation (checkboxes) | DOM Manipulation = Ex4