BOOTSTRAPPING IN THE CLOUD: RESPONSIVE DESIGN AND THE LIBRARY WEBSITE

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WHAT ARE WE TALKING ABOUT TODAY?

HISTORY OF THE CITY TECH LIBRARY WEBSITE

RESPONSIVE DESIGN

THE CLOUD

USABILITY TESTING
HISTORY OF THE CITY TECH LIBRARY
WEBSITE
INITIAL SERVER CONFIGURATION

WINDOWS IIS SERVER

SHARED AMONG CITY TECH DEPARTMENTS

LIMITED SOFTWARE
THE LIBRARY’S OWN SERVER

LAMP STACK

LIBRARIANS MAINTAIN AND ADMINISTER THE SERVER
THE MOBILE SITE
THE RESPONSIVE DESIGNED SITE
HTTPS://LIBRARY.CITYTECH.CUNY.EDU
WHAT IS RESPONSIVE DESIGN?

“...the same content to all users on the same URL, regardless of the device.”

- Matthew Reidsma
WHAT IS BOOTSTRAP?
BOOTSTRAP IS A POPULAR RESPONSIVE WEB FRAMEWORK THAT USES CSS AND JAVASCRIPT.
BOOTSTRAP WAS CREATED BY TWO TWITTER DEVELOPERS, MARK OTTO AND JACOB THRONTON
BOOTSTRAP IS OPEN SOURCE
BOOTSTRAP ALLOWS FOR RAPID DEPLOYMENT USING COMMON BUILT-IN WEB COMPONENTS.
WHAT IS THE CLOUD?
WHY USE THE CLOUD?
THE CLOUD PROVIDES SCALABILITY
NO HARDWARE TO UPGRADE
LOWER COSTS THAN SELF OR OFF-SITE HOSTING
MANAGING THE SITE IN THE CLOUD
VIRTUAL SERVERS
USABILITY TESTING
WHAT IS USABILITY TESTING?
USABILITY TESTING IS A CONTINUAL PROCESS

1. TEST USERS
2. EVALUATE USER DATA
3. (RE)DESIGN
4. IMPLEMENT MODIFICATIONS
WHY CONDUCT USABILITY TESTING?
USABILITY TESTING DETERMINES THE EFFECTIVENESS OF THE TOOL
IDENTIFY WEAKNESSES IN THE DESIGN OR FUNCTION
PROVIDE DATA TO SUPPORT DESIGN DECISIONS
USABILITY METRICS

TIME

CLICKS

USER FEEDBACK

THINK ALOUD PROTOCOL (TAP)
BOOTSTRAP, THE CLOUD, AND USABILITY TESTING
EVALUATES THE SITE AMONG DIFFERENT DEVICES
THE CLOUD ALLOWS THE IMPLEMENTATION OF NEWER TECHNOLOGIES
WRAPPING UP

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QUESTIONS?
THANKS!