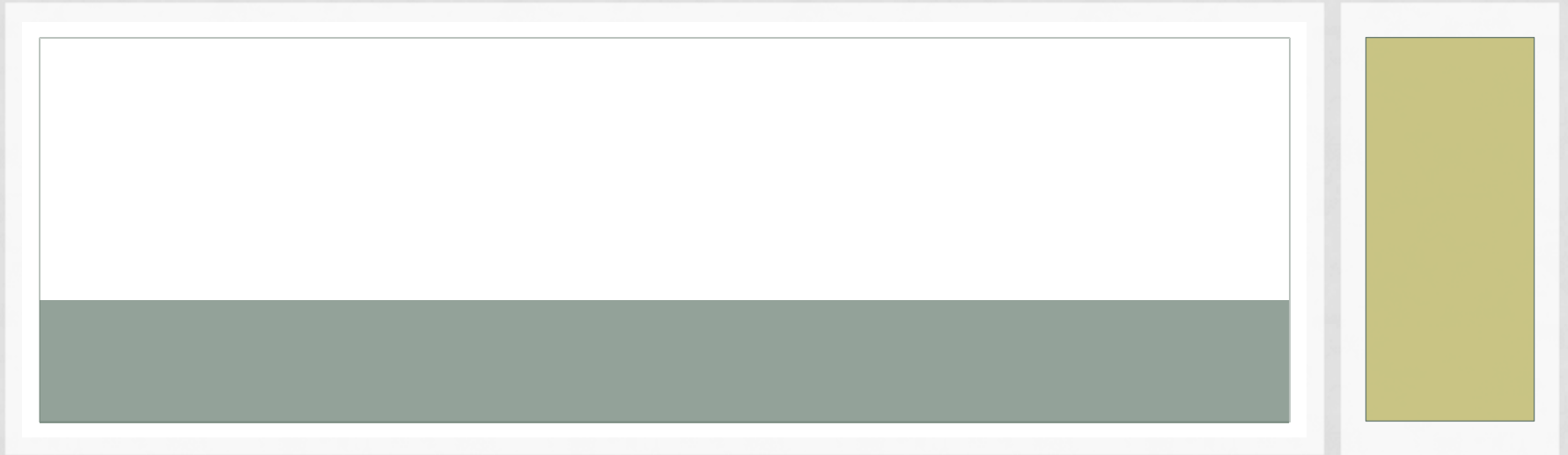


WEB DEVELOPMENT LIFE CYCLE

FROM BEGINNING TO END...AND
BEYOND!



FIVE PHASES OF WEB DEVELOPMENT LIFE CYCLE

- Planning
- Analysis
- Design and Development
- Testing
- Implementation and Maintenance

THE WEB DEVELOPMENT LIFE CYCLE

- Considered to be a systematic plan
- Helps to ensure project consistency and completeness
- Should be used for a Web site of any size

PHASE 1: PLANNING THE SITE

- Step 1: Determine the purpose and goals of the site
 - Personal or Business site
 - State what will accomplish by having a Web site
 - Main purposes of websites
 - Entertainment
 - Information
 - Retail (e-commerce,
 - Personal Network
 - State the goal of the site

PHASE 1: PLANNING THE SITE

- STEP 2: Determine target audience
- Describe your target audience
 - Decide this information about most common user
 - Computer skill level of user
 - Age range of the user
 - Gender of the user
 - Education level of the user
 - Economic situation of the user
 - Primary language of the user

WEB SITE ANALYSIS

- Step 1: What content will be on the page?
 - What information is useful to the users?

- Step 2: How will the page function?
 - What tasks do the users need to perform? i.e. interactive elements
 - What processes will be done on the site will determine reactionary services that are needed.
 - Order placement, Requests, email response, log comments

WEB SITE DESIGN AND DEVELOPMENT

- Appropriate layout for content
 - Site structure: Linear, hierarchical, webbed, broad, deep
 - Site Layout: tables, frames, forms, CSS
- Multimedia considerations
 - Video, sound, animation
- Accessibility issues
 - Compliance with laws
- Links
 - Navigation scheme
- Organization
 - File structure
- Graphics
 - Custom, clip art, online generator, photographs
- Colors
 - Color scheme, background

WEB SITE TESTING

- Site content correct
 - Accuracy
 - Completeness
 - Consistency
 - Spelling
- Functional site
 - Easy Navigation
 - Load time
 - Working Links

WEB SITE TESTING

- Multi-browser support
 - Firefox, Internet Explorer, and others
 - Browser Version
- Information easily readable
 - Font
 - Size
 - Color

WEB SITE TESTING

- Site Usability
 - Usability--measure of how well site allows a user to accomplish his or her goals
 - Usability testing method users of a site are asked to perform certain tasks in an effort to measure the product's ease-of-use and the user's perception of the experience

WEB SITE IMPLEMENTATIONS AND MAINTENANCE

- Publish Site
 - Who publish
 - Where host
- Updates
 - Who will update
 - Who will send information?
 - How will information be sent?
- Monitor
 - For accuracy
 - For content

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