



Website Development

IT117 UNIT 10

CMS – WordPress/Wix

Content Management System

Examples:

WordPress
Wix

Also referred to as a content manager or CMS

Offers tools to facilitate creation, organization, and publishing of website content

Generally, work is done via a graphic user interface (GUI)

Templates are provided/required with limited editing options

Independent hosting is not required

Pros:

- Ease of use
- No formal knowledge necessary
- Free or affordable options
- Efficient development time
- Complex features integrated easily

Cons:

- Limited editing options
- Required to use system templates
- Lack of originality in design and creativity is limited
- Sometimes use of the CMS hosting is required
- Can be expensive for more complex websites

Web Dev App – Dreamweaver/Brackets

Website Development Application

Examples:

Adobe Dreamweaver
Brackets

Software downloaded to computer

Ability to develop from scratch, utilize tools, or a combination

Files are developed locally, saved, and uploaded to a hosting provider

Pros:

- Developer has full control of design and publication
- Developer has options with regards to coding and the use of interface tools
- Creativity is not hindered
- Design results are unique
- Website can be hosted wherever developer wants

Cons:

- Requires some coding and development knowledge
- Can be expensive (although there are good free options)
- Not user friendly out of the box (learning curve varies)
- Requires separate hosting
- Limited to the knowledge and ability of the developer

WordPress and Wix are NOT hosting providers.

Service allowing customers the ability to post website page(s) on the Internet

- This is the only way to allow users access to a website created using a development application
- The Purdue Student Server is similar to what hosting services provide

Generally offered add-on services (some are free/included in fees)

- Customer service
- File manager and/or ftp
- Scripts
- Uptime statistics
- WordPress support
- Domain registration
- Search engine optimization (SEO) features
- Email address(es)
- Templates
- PHP processor module
- Widgets
- Database support
- Security certificates
- Website builder

Most include one free domain

- A domain is the name of the website
- Domain is free for one year only/must be renewed to maintain access

Website Hosting

WordPress and Wix are NOT hosting providers. They are CMS and will only host websites created within the CMS. Some hosting providers offer WordPress integration.



Current Website Development Trends

Discuss ways developers try to attract an audience and ensure fresh content.

- Narrow search to one topic
- Check dates of all research materials
 - Current is within the past two years (6-12 months ideally)

APA Checklist

Title Page:

- In the header:
 - Page number
 - Top right corner of header
- Centered and bold, a few spaces above the other content:
 - Title of Paper
 - Student Name, University Name, Course Name, Instructor Name, Date

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Title of Paper

Student Name
Purdue University Global
Course Name
Instructor Name
Date

All pages after the title page:

- In the header:
 - Page number
 - Top right corner of header

APA Checklist Cont.

First page of content (page 2)

- Bold and centered at the top of the page
- Title of Paper

All pages

- 1-inch margins
 - top, right, bottom, and left margins
- Text should be black
- All paragraphs must be indented
- Double spaced
 - No extra space between headings and/or paragraphs

Much of the APA styling you are familiar with remains part of the 7th edition, however some changes have been made. The American Psychological Association (APA) notes one main change to acknowledge is the acceptance of the pronoun “they” used as a singular pronoun. This is intended to help students convey content more easily (APA, 2019). Here is an example: a student may find it challenging to switch to 7th edition APA at first, but they have multiple resources at their disposal to help. This eliminates the need for “he/she” and other methods of referring to a single individual in pronoun form.

Some other changes you may note include the elimination of the header. Only the page number is required. Each page should have the page number displayed in the top right corner, including the title page. The layout of the title page has changes as well. The title is now bold and there is an extra space after the title. APA 7th edition still uses parenthetical and narrative in-text citations, but there are some changes to how they are styled. The references page remains similar with just a few changes (APA, 2019). Refer to the provided screenshots at the end of this document to help you work through the changes.

Title of Paper

APA Checklist Cont.

Reference Page:

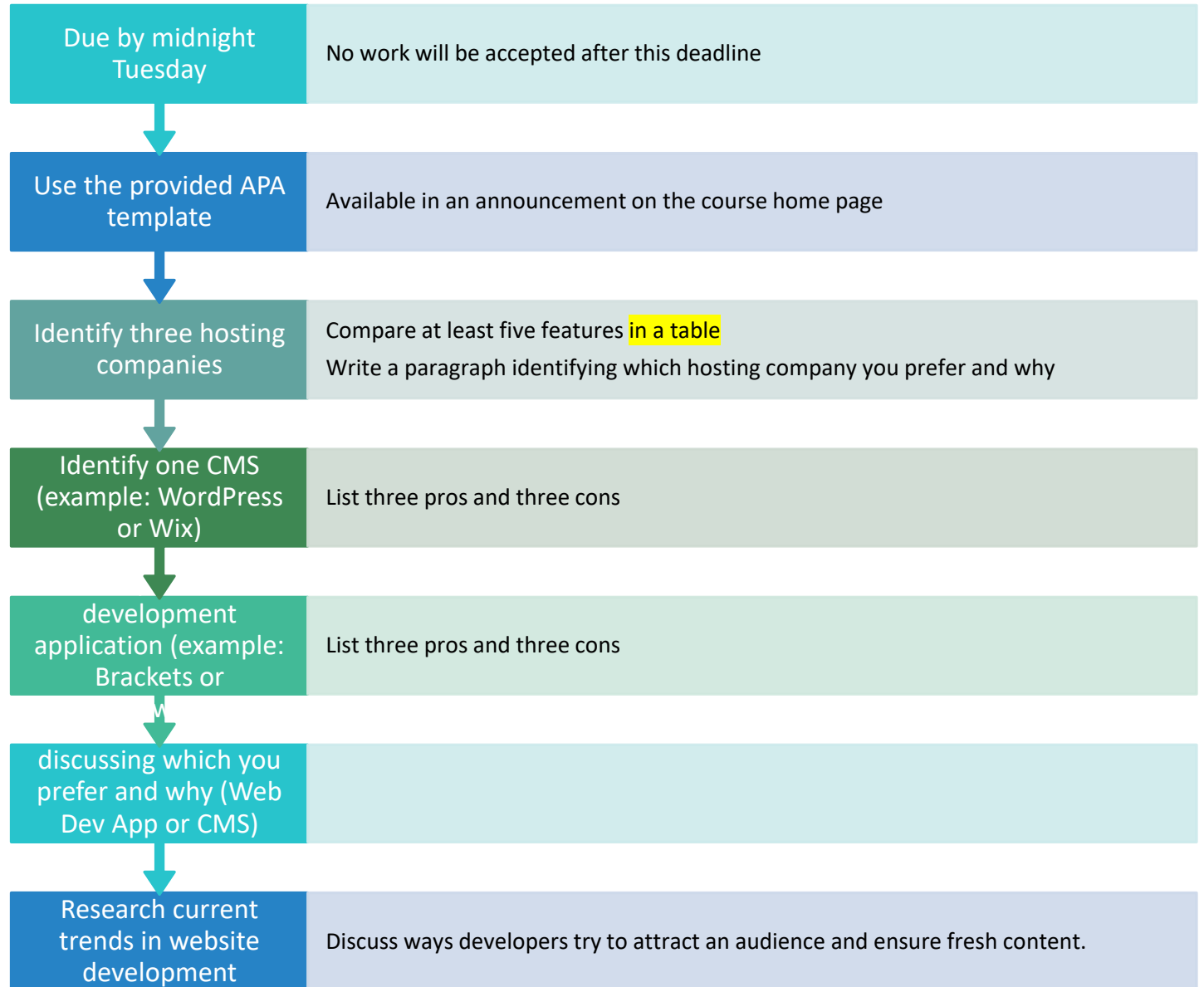
- Should be a new page
- Heading should be:
 - normal font (same as the rest of the document)
 - centered at the top of the page
 - bold
 - References
- Reference entries must be:
 - Normal font (same as the rest of the document)
 - Double spaced
 - Alphabetical order
 - Formatted with a hanging indent
 - No shading or special formatting added
 - No extra space between entries
 - ***Each reference must be used in at least one in-text citation***

References

American Psychological Association. (2019). Publication manual of the American Psychological Association (7th ed.).

****Note: All information that is not your own original thought, idea, or opinion must be cited using APA in-text citations within the body of the essay. This includes all paraphrased content that is not common knowledge.***

Unit 10 Assignment



What's Next?

IT214 Website Implementation

- Intermediate development skills
 - Flexbox CSS
 - Responsive Website layouts
 - Navigation bar design
 - Including collapsible mobile navigation
- Responsive website design
- Introduction to JavaScript

Wrap-Up

Questions?

