ShelfPerks Coding Challenge

Headlines-Have News your way (News aggregator)

Given Problem:

Pick at least 5 news sites that provide rss or similar feed and create a news aggregator. Open-ended. You can develop this webpage as auto-refresh, sort by latest new, filter based on topic. Pick a simple bootstrap or similar theme. You can go extra-mile and search the same news topic and find top tweets based on that news topic and list it next to the news story.

1. **How to Approach Problem**?
   - I read this problem many times then search on google that give clear understanding about problem.

   - Then I follow my strategy or Phases(break down problem)
     RESERCH → PREVIOUS WORK METHOD → MAKE OUTLINE FOR OUR PROJECT

   - **In research phase**
     - ✓ **Choose right tool:** I found many options like PYTHON-DJANGO framework, HTML-CSS-BOOTSTRAP framework, JAVASCRIPT, WordPress and many programming languages.
     - ✓ I choose WordPress tool because if I made this using html, CSS & bootstrap, then it takes lot of time and have less features. But using WordPress I can use in build theme and customize theme. In wp, we can use plugins that give more features in website. Here, I can add html, CSS & Shortcut code like [custom-twitter-feeds], Make CSS class etc.

   - **PREVIOUS WORK METHOD**
     - ✓ It is more important to make better because it gives clear vision to our project.
     - ✓ Feedly, Panda, Techmeme, Metacritic, (e)Science News, The Morning News, Pocket etc. that gives clear understating's about features etc.

   - **MAKE OUTLINE FOR OUR PROJECT**
     - ✓ **Hosting:** I used Xampp Server that in-build module like php, MySQL and run-on local host.
     - ✓ **Plugins:** I use feedzy for RSS feeds post, Twitter feed by smash balloon for live updates from twitter. Also, we can use only limited feature because all feature unlocks after purchase premium.
     - ✓ **Theme:** I used Intimate theme and edit

✓ **Design:** I try to make it simple and user friendly.

2. **Let's talk about problem and how to Solve:**
   - To understand problem, I Visited many websites and you tube videos.
   - After understanding, I tried to find for hosting and tried to see google app engine but I failed because billing system.
   - After spend time searching hosting and failed, then move forward. so, I Installed local server and WordPress.
   - Then after I choose theme and work on it, but I felt if I download theme in directly, then it creates problem like not load properly etc. So I visited web searching and find method manually that wordpress.org → Download theme→put in wP_content folder in WordPress. It works
   - Similar as theme, I follow for plugins.

   References: I mention some website

   - https://themeisle.com/blog/news-aggregator-websites-examples/
   - https://www.youtube.com/watch?v=O7nqn2zjKb4&list=RDCMUC0T6MVd3wQDB5ICAe45OxaQ&index=5
   - https://www.google.com/search?q=free+server+for+hosting&rlz=1C1ONGR_enIN934IN934&oq=free+server+for+hos&aqs=chrome.0.0j69i57j0i20i263j0i22i30l7.7362j1j7&sourceid=chrome&ie=UTF-8
   - https://smashballoon.com/
   - https://www.wpbeginner.com/showcase/best-news-aggregator-websites-how-to-build-your-own/
   - https://wordpress.org/plugins/header-footer/

Many websites I visited to understand properly, here I mention some websites.

3. **Improvement and learn**
   - I also learn and analysis our work myself after read many articles etc.
      - ✓ I can do it better in design and content part, it realizes when it is in development phase and I don't have time. But is design own theme and choose simple theme, I can do It better. **SO, I must say I learn this**
      - ✓ When I visit Feedly website that work on same concept but they use artificial method to make user feed free form fake news. We can also fake news model incorporate in our website. But I don't know hardcore knowledge in development.
   - If I do it more practice in this, then my skills on front-end is crystal clear. Here, problem that I know about html and css tags etc. but it takes long time to execute.
   - I will improve day by day.

4. According problem, I tried to add features like twitter feeds, make category for filter news read.
5. Due to live hosting problem, I can run on local host and after make zip file that large data file and take more time to upload in gits. SO I can show website virtual by screen share etc.

Conclusion:

Goal of problem that make news aggregator. I used WordPress for this and tried to incorporates given features.

I take it as challenge and try to solve using open source. I will be improving my skills on this that gives more accurate results that more beneficial.

I need only minimal guidance to make it better and helps make work path.