College of Engineering and Information Technology

Web Programming – Fall 2021	**Instructor: Ahmad Assaf**	**Date:27-Oct-21**

Projects in PHP 2211

Project Title	Description
1. PAU Online Library	List digital pdf books with download and search options
2. PAU Asset Booking System	Book rooms, laptops, or any assets in PAU
3. PAU Support System	Support system with open & close tickets
4. Covid-19 Vaccination Certificates	Issue Vaccination Certificates and check if the user has been vaccinated
5. Job Find Website	List new jobs with skill match and search options
6. Online Tickets	Buy online tickets for different local events
7. Football Matches Website	Show latest Football fixtures & results
8. Gifts System	Pick a gift and send for some person on date
9. Online Voting System	Voting system for websites with charts
10. Offers Portal	Show offers and discounts from local markets
11. Art Gallery	Show arts in gallery for many artists
12. Tracking System	Track company's vehicles using GPS
13. Educational Games	Multimedia & Interactive website for education
14. E-Commerce Website	Online store with shopping cart
15. News Aggregator	Pull in news from multiple sources using API and RSS

Note: Your own ideas are welcomed!

Deliverables & Dates:
- D1: Project requirements and Mockup   Deadline: 12-11-2021
- D2: Database (ERD Diagram and MySQL DB)   Deadline: 15-11-2021
- First Discussion: Date: 16-11-2021   Time: 11-13
- D3: Front-end   Deadline: 3-12-2021
- D4: Back-end   Deadline: 10-12-2021
- Final Discussion: Date: 14-12-2021   Time: 11-13

Tools:
- GitHub (code repository and version control)
- Trello / Jera (for project management and tasks tracking)
- Hosting on Web Server
- Backend: PHP & MySQL
- Frontend: Bootstrap 5, HTML, CSS, and JavaScript or any (React, VUE, or Angular)

Team Member Roles*:
- Team Leader
- Back-End Developer
- Front-End Developer
- QA

* Each team member shall have a role in the project, but he/she have to cooperate with other members and understand what/how they do their tasks.