Lecturer: Wolf-Guis, Corrie C.P.

**Group 34**

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POPD2 Assignment

Week 1: Research DOT Framework Part 2

1. **Collect Information (3 + 2 + 3 + 2 = 10 hrs)**
   1. Field: Interview with the client (Data)
   2. Field: Discuss current situation, problems, and software solutions (Inspiration)
   3. Library: Research website and application designs similar to ours (Data & Inspiration)
   4. Library: Research possible databases to be used for the website/apps (Inspiration)
2. **Finalize Project Plan ()**
   1. Field: Discuss with client the details in the project plan (Data)
   2. Field: Discuss with mentor if the project plan is missing details (Data)
3. **Group Division**
   1. Field: task analysis to determine how to split the labor (Data)
4. **Website Design**
   1. Library: use third-party application: Bootstrap 4.0 (Data)
   2. Workshop: design wireframes and design (Inspiration)
   3. Workshop: implement the HTML, CSS, and JS, and see if it suits to our vision (Inspiration)
   4. Lab: Test the website design. See if everything is functioning properly (Data)
   5. Lab: display the product to the client and wait for feedback (Data)
5. **Database Design**
   1. Same steps as the Website Design steps b-g
6. **Applications Designs**
   1. Same steps as the Website Design steps b-g
7. **Create Dynamic Website**
   1. Workshop: add php to the website and see if it suits the vision (Inspiration)
   2. Workshop & Lab: Connect database to the website and test connection (Data)
8. **Link Apps to Database**
   1. No research required
9. **Build Applications**
   1. Workshop: put everything together (Data) see if it works
   2. Lab: Test the application (Data)
   3. Repeat steps until it’s fully functioning
10. **Demonstrate Software Solution**
    1. Showroom: demonstrate the solution to the client - feedback (Data & Inspiration)
11. **Create Test Report**
    1. No research required
12. **Make Necessary Changes**
    1. No research required
13. **Install Apps on Devices**
    1. No research required
14. **Presentation**
    1. No research required
15. **Create Manual**
    1. No research required