POPD2 Assignment

Week 1: Research DOT Framework Part 2

Lecturer: Wolf-Guis, Corrie C.P.

**Group 34**

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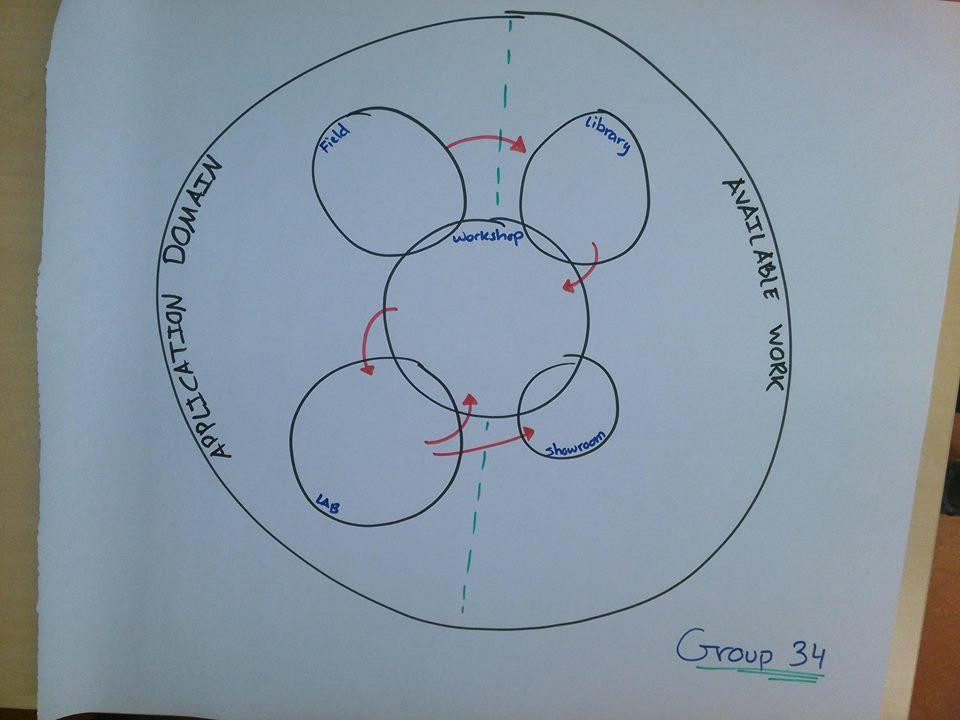
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1. **Collect Information**
   1. Field: Interview with the client (Data)
   2. Field: Discuss current situation, problems, and software solutions (Inspiration)
   3. Library: Research website and application designs similar to ours (Data & Inspiration)
   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

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| --- | --- | --- | --- | --- |
| **Task Name** | **Strategy** | **Data**  **/Inspiration** | **Time Planned (hours)** | **Time Spent**  **(hours)** |
| Interview with the client | Field | Data | 3 | 4 |
| Discuss current situation, problems and software solutions | Field | Inspiration | 5 | 4 |
| Research website and application designs similar to ours | Library | Data & Inspiration | 7 | 8+ |
| Research possible databases to be used for the website/apps | Library | Data & Inspiration | 5 | 3 |
| Discuss with client the details in the project plan | Field | Data | 2 | 4 |
| Discuss with mentor if the project plan is missing details | Field | Data | 5 | 5 |
| Task analysis to determine how to split labor | Filed | Data | 3 | 2 |
| Learn to use third-party library: Bootstrap 4.0 | Library | Data | 2 | 4 |
| Design wireframes and design | Workshop | Inspiration | 10 | 11 |
| Implement HTML, CSS and JS to fit our vision | Workshop | Inspiration | 18 | 22 |
| Test the static website | Lab | Data | 1 | 2 |
| Display product to the client and wait for feedback | Lab | Data | 1 | 1 |
| Design database | Workshop | Inspiration | 4 |  |
| Implement design of DB | Workshop | Data | 8 |  |
| Test DB design | Lab | Data | 1 |  |
| Display database to client and wait for feedback | Lab | Data | 1 |  |
| Design C# Applications | Workshop | Inspiration | 10 |  |
| Implement code | Workshop | Data | 32 |  |
| Test applications’ functionality | Lab | Data | 6 |  |
| Display applications to client and wait for feedback | Lab | Data | 1 |  |
| Add PHP to website and make sure it suits the vision | Workshop | Data | 20 |  |
| Connect database to website and applications | Workshop | Data | 8 |  |
| Test if everything put together works | Lab | Data | 4 |  |
| Demonstrate solution to the client | Showroom | Data & Inspiration | 1 |  |
| Create Test Report | Lab | Data | 7 |  |
| Create Manual | Lab | Data | 7 |  |
| Final Presentation | Showroom | Data & Inspiration | 1 |  |
| **Total** | | | **173** | **70+** |



How can the plan be improved by using other/more strategies?

Feedback: