1. The Purpose of this PoW Template is to [show evidence](https://techtoriumacnz.sharepoint.com/sites/Academy/SitePages/Proof-of-Work.aspx) you have met requirements for each Project (or Lab)
2. It is a Template so feel free to modify this document if you need *including pasting the actual requirements*
3. Use the table below to embed any [Solution Artifacts](https://techtoriumacnz.sharepoint.com/sites/Academy/SitePages/Proof-of-Work.aspx) if you need *however we prefer that you directly attach to the Teams Assignment - check with Trainer*

|  |  |  |
| --- | --- | --- |
| Embed any Artefacts you have created here (Optional) | |  |
| Word > Insert > Object > Object > Create from File  *Make sure you Test you can open AFTER you* [*embed*](https://support.microsoft.com/en-us/office/insert-an-object-in-word-or-outlook-8fc1ea53-0e01-4603-a4cf-98c49b6ea3f5) *it* |  |  |

## Solution Requirements - MUST

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| # |  |  |
| SR01 | Research and explain SDLC Phases with a brief description of Project flow to keep its evidence to present it to the client at a later stage. | |
| Software Development Life Cycle (SDLC) is a systematic process for building software that ensures the quality and correctness of the software built. There are 7 different phases in SDLC:   * Phase 1: Requirement collection and analysis * Phase 2: Feasibility study * Phase 3: Design * Phase 4: Coding * Phase 5: Testing * Phase 6: Installation/Deployment * Phase 7: Maintenance | |
| SR02 | (COULD) Research the topic of "Waterfall Methodology" and explain in terms of advantages/disadvantages. | |
| Waterfall methodology is an SDLC model which divides the whole software development process into separate phases. Typically, in the Waterfall Model the outcome of one phase acts as the input for the next phase sequentially but for some each phase must be completed before the next phase can begin.  The phases in the Waterfall model are:   * Requirement gathering and analysis * System Design * Implementation * Integration and testing * Deployment of system * Maintenance   The **advantages** of the waterfall model are:   * Allows for departmentalization and control * Schedule with deadlines can be set for each stage * Phases are processed and completed one at a time * Simple and easy to understand   The **disadvantages** of the waterfall model are:   * No working software is produced until late in the life cycle * Poor model for long, ongoing and complex projects * High amounts of risk and uncertainty * Cannot accommodate projects where requirements often change   The waterfall model is important in industry as it was the first process model to be introduced and the earliest SDLC approach. In the waterfall model the requirements are completed early in the project which allows the team to define the entire project scope and create a complete schedule and design the overall application. This shows the waterfall model is important in the industry because it was one of the first models used and works well to help plan and organize the overall application. | |
| SR03 | Identify the structure of your team and explain your role | |
| * 4 Team members * Project Manager – Connor, Business Analyst – Blake, Developer – Winchester, Tester – Jack Diamond * I have the role of Tester * The role of the Tester is to perform tests to ensure the software created by the developer is fit for purpose. | |
| SR04 | Create Trello Account and Setup your Board | |
| Graphical user interface, application, website, Teams  Description automatically generated | |
| SR05 | Gather all the requirements from your client using the following techniques and record that in Trello Board   * Interview (4 questions) * Questionnaire ( 4 questions) | |
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| SR06 | Analyze requirements gathered and create wireframe | |
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| SR07 | Design all web pages based upon requirements given | |
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| SR08 | Create GitHub Account | |
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| SR09 | Create GitHub Repository and Add ReadMe File | |
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| SR10 | Push your files to your repository | |
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## Solution Requirements - MUST

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| # |  |  |
| SR11 | Make change1 to your website as per your client's requirement. | |
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| SR12 | Make change2 to your website as per your client's requirement | |
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| SR13 | Make change3 to your website as per your client's requirement | |
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| SR14 | Create Test Cases | |
|  | |
| SR15 | Attach zip folder | |
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## Solution Requirements - MUST

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| SR16 | After Project completion, Meet with the Client to present the project outcome. | |
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| SR00 |  | |
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| Marking Rubric |
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