**Deliverable 5**

**Sprint review:**

So far, we have completed all tasks except creating a page where the user can view their history. To make up for this we have inserted this into our current sprint plan with extra people working on it, so the application process isn’t being held up.

As of now, we have a working prototype consisting of a home page, toxicity input page and login page. As they are a prototype, some design work is missing or some functionalities, such as login page not being linked to the database is yet to be added, however they are currently being worked on.

**Sprint Lead:**

**Sprint 3 Plan:**

**Sprint goal:**

We aim to continue developing our webpages making them more user friendly as well as linking them all together with databases. We plan to add more functions as well to allow the user to utilize our web application to the fullest.

**Sprint Backlog:**

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| --- | --- | --- | --- | --- | --- |
| **Task ID** | **Sprint No.** | **User Story** | **Task Description** | **Team member** | **Due Date** |
| 1 | 3 | As a user I want to be to receive computed data regarding water toxicity back from the application. | Link the input page to a database that water wardens would regularly update and provide more accurate results for the user. (Database for pH, TDS and temp) **[BACKEND AND DATABASE]** | Jahanzeb | 17/02/2022 |
| 2 | 3 | As a user I want to be able to enter data I get from my sensors into the application. | Make the input page more user friendly/ appealing by adding more design and making it easier to use. **[FRONTEND/ UI]** | Antonie, David Bombido | 17/02/2022 |
| 3 | 3 | As a user I want to be able to enter data I get from my sensors into the application. | Allow water wardens to input their data.  **[FRONTEND]** | Peris | 07/02/2022 |
| 4 | 3 | As a user I want to be able to use the application at any given time. | Link the login page to the database so users can login and use the web application. **[DATABASE]** | Jahanzeb | Delivered |
| 5 | 3 | As a user I want a clean and easy to understand GUI or webpage | Continue adding more design to all pages, making the website easier to use and more appealing.  **[UI]** | Mohd Nehal Niloy | 10/02/2022 |
| 6 | 3 | As a user I want a clean and easy to understand GUI or webpage | Provide different page layouts and functionalities depending on the type of user (user, water warden etc.) **[FRONTEND & UI]** | Mohd Nehal Niloy, David Bombido | 14/02/2022 |
| 7 | 3 | As a user I want to be able to view my history. | Create a page that presents previous inputs and link it to a database. **[FULL STACK]** | Peris, Bruno | ///////// |
| 8 | 3 | As a user I want to be able to get the analytics back from the data I inputted. | The back end should be able to send back analytics |  |  |