# Change log

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| Date | Change | Description |
| 17/4/2023 | NodeRED | Based on our technical research the team decided not to use NodeRED as one of the main components and opted for the FERN stack instead. |
| 12/5/2023 | Change Management Strategy Alteration | From feedback given in the proposal, the team removed a change management form which was a risk, a hindrance, and a conflict to the Kanban methodology. The team derived a change management strategy which was worked directly into the workflow. |
| 21/6/2023 | OpenPLC  PLC changes | Part of the digital twin was to produce/send some values to a Programmable Logic Controller via the web dashboard. Upon further research the voltage on which a PLC runs was too high for us to work on safely according to AUT’s policies. The team replaced this component with a simulation software called OpenPLC, which would simulate the PLC functionality. |
| 21/7/2023 | Database Migration (New project) | Using Firebase authentication requires users to login and be authenticated to view any data. The Website and the Database were hosted on different domains which cause a disconnect in the Authentication process. The team migrated the database onto the website domain to consolidate the authentication. |
| 3/8/2023 | Team Meeting/Scheduling | Due to conflicting semester 2 schedules, the team derived a solution of 2 weekly meetings which would consist of sub-teams, the 2 meetings would then be communicated online and in conjunction with the weekly mentor meeting. |
| 3/8/2023 | Trello | The Trello board was re-created with new and clearer formatting. |
| 3/8/2023 | Team Roles | The team has unofficially moved away from set roles and has adapted a more cohesive team-based structure for moving the project towards it’s end goal. |
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