Implementation Constraints Plan

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| **Constraint Category** | **Implementation constraint** | **Solution** |
| Hardware and Software platforms | The application is designed for modern browsers using Flex and Grid. If the device is unable to render a modern browser the application will not work. | Most modern browsers will be able to render the application. Will add a page for non-compatible browsers. |
| Performance Requirements | The application is hosted along with the database. This means any searching or processing are carried out on the server keeping the performance to a maximum of server availability. | Will review the hosting server capacity and will be a balance of performance and cost. |
| Persistent Storage and Transactions | As the server is only using progressql in memory the data will be lost if the server | When the application is hosted on a 24/7 site the data will be available and have backup & recovery available |
| Usability | The app has been designed for use on mobile and desktop. The accessibility options have not been completely implemented and these need to be explored further before release. | Develop accessibility for screen readers for the application. |
| Budgets | Monthly database and server hosting costs need to be examined before a budget could be established. | Server hosting can be found for £9 per month. Database would have to be moved from progressql to mysql |
| Time limitations | The original deadline was for 5.5 days including design work. application can be submitted and demonstrated on day 6. | With the project deadline achieved, further work can happen when time is available. |