

MHHS IPA

Work Package 4 - Design Documentation Executive Summary

FINAL

October 2022

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Executive Summary

Summary of Overall Themes

Design artefacts have been released in four tranches. After adverse feedback from DAG on the process for approving the first two tranches, the programme introduced a more thorough governance structure and processes for the approval of Tranche 4 (which contained about half of the artefacts) and revisiting changes made to Tranches 1 - 3. This process involved additional time for review, raising comments, processing those comments, allowing for objections to be raised on the responses, and resolving areas of dissensus, where a common design decision was not clear.

These processes have operated as planned, with a minor delay in completion (2 weeks over a 3 months process), which was driven by a desire to give sufficient time to discuss the remaining areas of design and to complete the interface specification. We have formed this view through observations of programme meetings (Design Advisory Group, Migration Working Group, Business Process Requirements Working Group, and Dissensus Meetings), interviews with key programme stakeholders, and a review of documentation. The only significant area on the work-off list, is to resolve objections relating to interfaces with other industry applications. These is an important signpost for testing, the high level of comments at design indicate a higher risk of issues at testing, especially for those test phases that require integration and end-to-end testing.

The most important outstanding design decision is the approach to Migration. Progress has been made in identifying and evaluating migration options and we understand that there is a leading option. Although the programme is considering a further round of validation, our view is that there is limited benefit from additional consultation as this is likely to reinforce current positions. Giving clear direction to participants will give them more time to plan, and will flush out the core risks with this option, which can then be addressed.

None of these observations should prevent the Design Advisory Group from making a decision on the M5 milestone on 31 October.

Overall Key Recommendations

- The programme should conclude on the leading Migration Option so that participants can have a clear view of the approach. The risks associated with this option should be transferred to the RAID log so that they can be appropriately managed.
- Provide estimated timings for resolution of items on the work-off list and monitor progress according to this plan. All items on the work-off list should be completed by the end of the year.
- After the M5 milestone is passed, the design and testing teams should review and debrief the design comments and factor those into test plans. In particular areas of dissensus (that were resolved) that involve connections between MHHS developments and other industry systems should be reviewed to ensure that they are appropriately covered by test plans.
- In reference to MP162, the MHHS design should proceed under the current TOM with the MDR role. If the SEC decision results in subsequent changes, these should be dealt with as a change request.

Key Health Check exam question...



Is the end-to-end design clear and robust with appropriate governance and engagement across programme participants?

Good practice observed

- Responded to feedback from earlier design tranches to put a structured approach to review, consultation, objection, and dissensus management
- Introduced traceability into documents to facilitate review
- Followed the governance structures put in place over Tranche 4 and end-to-end design
- Active involvement of a Quality Assurance function which will take ownership of design documentation after MP5

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