**Sprint 3**

Initial functionality, requirements and risk analysis

Start date: 28/2/2020

End date: 13/3/2020

Purpose

The purpose of this sprint is to begin coding the main functionality in a two-week period. The first week will be dedicated to coding with an emphasis on pair programming. The second week will be used to integrate the code and generate tests. We will also revise our user stories and risk assessment in accordance to our progress, usability plans and HCI feedback.

Plan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task | Start date | Expected completion date | Expected time required  (hours) | To be completed by |
| Create functionality – Customer payment | 28th Feb | 13th March | 2 | Amoata |
| Create functionality – Cancelling a booking | 28th Feb | 13th March | 2 | Jack |
| Create functionality – Admin login | 28th Feb | 13th March | 2 | Marc |
| Create functionality – Add new flights (admin) | 28th Feb | 13th March | 2 | Marc |
| Create functionality – Secure messaging system | 28th Feb | 13th March | 3 | Jack |
| Usability plan | 28th Feb | 13th March | 2 | Joseph, Jack |
| Refine user stories | 28th Feb | 13th March | 1 | Jack |
| Refine risk assessment | 28th Feb | 13th March | 1 | Jack |
| Prepare presentation (on product goals, backlog, achieved and planned sprints) | 28th Feb | 5th March | 2 | all members will prepare and present |
| HCI initial test planning | 28th Feb | 6th March | 1 | Joseph, Jack |
| Collate final storyboard | 28th Feb | 6th March | 2 | Joseph |

Sprint review

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| --- | --- | --- | --- | --- |
| Task | Time required | Status | Expected time required to finish  (hours) | Notes |
| Create functionality – Customer payment | 2 | Completed | 0 | Has been created and is now undergoing usability testing. |
| Create functionality – Cancelling a booking | 2 | Completed | 0 | Has been created and is now undergoing usability testing. |
| Create functionality – Admin login | 2 | Completed | 0 | Functionality was created and interface was updated according to initial usability testing. |
| Create functionality – Add new flights (admin) | 2 | Completed | 0 | Has been created and is now undergoing usability testing. |
| Create functionality – Secure messaging system | 2 | Completed | 0 | Functionality was created and interface was updated according to initial usability testing. |
| Usability plan | 2 | Completed | 0 | An initial plan for how our usability tests should be conducted |
| Refine user stories | 2 | Completed | 0 | Made the user stories more specific. |
| Refine risk assessment | 2 | Completed | 0 | Updated the risk assessment in accordance to our progress. |
| Prepare presentation (on web functionality, storymap & HCI feedback) | 2 | Completed | 0 | Presentation was created and presented. |
| HCI initial test planning | 3 | In-progress | 1 | We have created 26 usability scenarios ready to be tested. We will create the final 4 tests when the functionality for them is in place. Pushed into the next sprint. |
| Collate final storyboard | 2 | Completed | 0 | Everyone’s initial storyboard ideas where collated into a final version. |