**Release and Sprint Plans**

**Team Name: Tech God Squad**

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| --- | --- |
| Student Number | Team Member Name |
| N7326645 | Douglas Brennan |
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Tutor:

Version: 1

Date: 10/05/2018

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Release Plan

# Release 1

Delivery date: Total Story Points: 111

This release is dedicated to the basic framework of the mobile-application and standard

features for functionality for the Android solution.

## *Launch & Static Tabs (Android)*

Launches the app and displays the pages

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 10 | App Launch | 3 |
| 11 | Flights Tab | 3 |
| 12 | Deals Tab | 3 |
| 13 | Genie Tab | 3 |
| 14 | Flight Club Tab | 3 |
| 15 | Settings Tab | 3 |
|  | Story Point Sub-Total: | 18 |

## *Database Design & Integration (Android)*

Design & integration of database into project

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 26 | Database Design | 8 |
| 27 | Database Integration | 3 |
|  | Story Point Sub-Total: | 11 |

## *Easter Egg Interactions (Android)*

The functionality for all Easter Egg triggers

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 16 | Utilise Calendar Search Event | 13 |
| 17 | Slide-Down Event | 8 |
| 18 | Portrait/Landscape Event | 8 |
| 19 | Shake Event | 8 |
| 20 | Delayed Active Time Event | 8 |
| 21 | Attempt Question Event | 13 |
| 22 | Winning Notification Event | 8 |
| 23 | Losing Notification Event | 8 |
| 24 | Reward Event | 8 |
|  | Story Point Sub-Total: | 82 |

# Release 2

Delivery date: Total Story Points:

This release is dedicated to the basic framework of the mobile-application and standard

features for functionality for the IoS solution.

## *Launch & Static Tabs (IoS)*

Launches the app and displays the pages

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 10 | App Launch | 3 |
| 11 | Flights Tab | 3 |
| 12 | Deals Tab | 3 |
| 13 | Genie Tab | 3 |
| 14 | Flight Club Tab | 3 |
| 15 | Settings Tab | 3 |
|  | Story Point Sub-Total: | 18 |

## *Database Design & Integration (IoS)*

Design & integration of database into project

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 26 | Database Design | 8 |
| 27 | Database Integration | 3 |
|  | Story Point Sub-Total: | 11 |

## *Easter Egg Interactions (IoS)*

The functionality for all Easter Egg triggers

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 16 | Utilise Calendar Search Event | 13 |
| 17 | Slide-Down Event | 8 |
| 18 | Portrait/Landscape Event | 8 |
| 19 | Shake Event | 8 |
| 20 | Delayed Active Time Event | 8 |
| 21 | Attempt Question Event | 13 |
| 22 | Winning Notification Event | 8 |
| 23 | Losing Notification Event | 8 |
| 24 | Reward Event | 8 |
|  | Story Point Sub-Total: | 82 |

# Release 3

Delivery date: Total Story Points:

Implementation of any Could-Have features listed in Story Cards for both Android & IoS solutions

## *Remaining Features (Could-Have)*

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 25 | Social Media Share Event (Android) | 8 |
| 25 | Social Media Share Event (IoS) | 8 |
|  | Story Point Sub-Total: |  |

# Delivery Schedule

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 |
| Sprint 1 | | | | Sprint 2 | | | |
| Release 1 | | | | Release 1 | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 |  | Week 15 |  |  |  |  |  |
| Sprint 3 | | | |  | |  | |
| Release 3, 4, … | | | | | | | |

## Estimated Velocity:

Sprint Plan

# Sprint 1

Total Story Points: Total Hours:

## Current Velocity:

## Story 10: App Launch / App Setup (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create project file | 2 |  |
| T02 | Import libraries | 1 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – app launch / app setup complete | 1 |  |
|  | Story Points: 3 Total Hours: | 5 |  |

## Story 11: Flights Tab (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Setup tab | 1 |  |
| T02 | Setup interactive widgets | 4 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – flights tab successfully created | 2 |  |
|  | Story Points: 5 Total Hours: | 8 |  |

## Story 12: Deals Tab (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Setup tab | 1 |  |
| T02 | Setup interactive widgets | 4 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – deals tab successfully created | 2 |  |
|  | Story Points: 5 Total Hours: | 8 |  |

## Story 13: Genie Tab (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Setup tab | 1 |  |
| T02 | Setup interactive widgets | 4 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – genie tab successfully created | 2 |  |
|  | Story Points: 5 Total Hours: | 8 |  |

## Story 14: Flight Club Tab (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Setup tab | 1 |  |
| T02 | Setup interactive widgets | 4 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – flight club tab successfully created | 2 |  |
|  | Story Points: 5 Total Hours: | 8 |  |

## Story 15: Settings Tab (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Setup tab | 1 |  |
| T02 | Setup interactive widgets | 4 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – settings tab successfully created | 2 |  |
|  | Story Points: 5 Total Hours: | 8 |  |

## Story 26: Database Design

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create database using MySQL with reference to ERD | 4 |  |
| T02 | Setup cloud server to host database | 2 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – database successfully created | 1 |  |
|  | Story Points: 5 Total Hours: | 8 |  |

## Story 27: Database Implementation (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create models within project file to match database elements | 2 |  |
| T02 | Assign models to database elements and import database | 2 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – database successfully integrated | 1 |  |
|  | Story Points: 5 Total Hours: | 6 |  |

# Sprint 2

Total Story Points: Total Hours:

## Current Velocity:

## Story 16: Utilise Calendar Search Event (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for calendar search event/trigger | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 17: Slide-Down Event (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for slide-down event/trigger | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 18: Utilise Calendar Search Event (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for portrait/landscape event/trigger | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 19: Shake Event (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for shake event/trigger | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 20: Delayed Active Time Event (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for delayed active time event/trigger | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 21: Attempt Event (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for attempt question event | 6 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 12 |  |

## Story 22: Winning Notification Event (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for winning notification event | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 23: Losing Notification Event (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for losing notification event | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 24: Winning Notification Event (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for reward event | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

# Sprint 3

Total Story Points: Total Hours:

## Current Velocity:

## Story 10: App Launch / App Setup (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create project file | 2 |  |
| T02 | Import libraries | 1 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – app launch / app setup complete | 1 |  |
|  | Story Points: 3 Total Hours: | 5 |  |

## Story 11: Flights Tab (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Setup tab | 1 |  |
| T02 | Setup interactive widgets | 4 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – flights tab successfully created | 2 |  |
|  | Story Points: 5 Total Hours: | 8 |  |

## Story 12: Deals Tab (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Setup tab | 1 |  |
| T02 | Setup interactive widgets | 4 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – deals tab successfully created | 2 |  |
|  | Story Points: 5 Total Hours: | 8 |  |

## Story 13: Genie Tab (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Setup tab | 1 |  |
| T02 | Setup interactive widgets | 4 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – genie tab successfully created | 2 |  |
|  | Story Points: 5 Total Hours: | 8 |  |

## Story 14: Flight Club Tab (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Setup tab | 1 |  |
| T02 | Setup interactive widgets | 4 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – flight club tab successfully created | 2 |  |
|  | Story Points: 5 Total Hours: | 8 |  |

## Story 15: Settings Tab (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Setup tab | 1 |  |
| T02 | Setup interactive widgets | 4 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – settings tab successfully created | 2 |  |
|  | Story Points: 5 Total Hours: | 8 |  |

## Story 27: Database Implementation (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create models within project file to match database elements | 2 |  |
| T02 | Assign models to database elements and import database | 2 |  |
| T03 | Create test cases | 1 |  |
| T04 | Verify story – database successfully integrated | 1 |  |
|  | Story Points: 5 Total Hours: | 6 |  |

# Sprint 4

Total Story Points: Total Hours:

## Current Velocity:

## Story 16: Utilise Calendar Search Event (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for calendar search event/trigger | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 17: Slide-Down Event (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for slide-down event/trigger | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 18: Utilise Calendar Search Event (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for portrait/landscape event/trigger | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 19: Shake Event (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for shake event/trigger | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 20: Delayed Active Time Event (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for delayed active time event/trigger | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 21: Attempt Event (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for attempt question event | 6 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 12 |  |

## Story 22: Winning Notification Event (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for winning notification event | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 23: Losing Notification Event (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for losing notification event | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 24: Winning Notification Event (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for reward event | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

# Sprint 4

Total Story Points: Total Hours:

## Current Velocity:

## Story 25: Social Media Share Event (Android)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for social media share event | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |

## Story 25: Social Media Share Event (IoS)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and implement functionality for social media share event | 4 |  |
| T02 | Associate functionality with existing widgets and database | 2 |  |
| T03 | Assign navigations between popups and tabs | 2 |  |
| T04 | Create test cases | 1 |  |
| T05 | Verify story – event successfully created | 2 |  |
|  | Story Points: 8 Total Hours: | 10 |  |