

Release and Sprint Plans

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Release Plan

Release 1

Delivery date: 2/05/2023

Total Story Points: 409

Release 1's aim is to produce a minimum viable product (MVP) which is essentially the bare bones required for the website to function. This needs to include a ticketing system, login system, set up of development requirements and bare bone features required for staff, athletes and the Olympic committee. This MVP is aimed at a specific demographic in the host country of Australia with future releases expanding upon the work completed.

Ticketing System

The ticketing system is a core component required for the MVP. It must be implemented for fans to buy tickets to attend and watch the Olympics. It has to have the ability to view tickets for specific events including specific seats and purchased seats must be marked and made unavailable. Most payment methods must be accepted from different nations to capitalise on potential customers.

Story ID	Story Title	Story Points
1	Fan - Tickets Search	8
2	Fan - Tickets Buy	16
10	Fan - Ticket View	16
11	Fan – Credit Card	16
Story Point Sub-Total:		56

Login System

A login system is required for staff and athletes to manage and view their personal details such as accommodation, schedules, emergency contacts etc. A login system has also been scoped for fans so that they can view purchased tickets and see favourite sports.

Story ID	Story Title	Story Points
14	Fan - Account Login	32
29	Staff - Account Login	32
66	Athlete Team Member - Account Login	32
71	Olympic Committee - Account Login	32
30	Staff - Reset Account Password System	4
Story Point Sub-Total:		132

Initial Development Requirements

Resources for developer to manage their tasks and access documentation. This will also include technical requirements that are needed for proper functionality. This includes database, communication layers and the ability to determine user location.

Story ID	Story Title	Story Points
36	Developer - make website maintainable	8
37	Developer - Dynamic Localization	16
39	Developer - Database Communication Layer	8
40	Developer - Bug Reports Log	2
41	Developer - Documentation Hub	1
42	Developer - Development Plan Schedule	1
43	Developer - Task Management System	2
45	Developer - Feature Specification Hub	1
Story Point Sub-Total:		39

Staff/Olympic Committee/Athlete System Requirements

This is the final set of stories for release 1 which is mainly a mix of mandatory requirements and easy to achieve “low hanging fruit” for a public facing release of a website. This is mainly to allow staff, athletes and the committee to log in to view their personal details, plan games or communicate. All scheduling details at this point is high level detail such as date of participation.

Story ID	Story Title	Story Points
59	Athlete Team Member - See events schedule	8
27	Staff – Work Schedule	8
64	Athlete Team Member - See training and rest schedule	4
69	Olympic Committee - Game Schedule Page	4
60	Athlete Team Member - See event locations	2
72	Olympic Committee – Website Alert System	4
Story Point Sub-Total:		30

Release 2

Delivery date: 30/05/2023

Total Story Points: 142

Release 2's primary goal is to expand and build upon features within the website and to add additional non core features that contribute and improve either functionality, aesthetics or the experience. This release will add features aimed at fans, media members, government and staff.

Fan Features

This set of stories aims to build upon and expand the features of the website aimed at fans. It will allow the fans to purchase merchandise, watch games on the website, view results and find information via searching in a language of their own choice.

Story ID	Story Title	Story Points
4	Fan - Results	4
6	Fan - Watch	16
7	Fan – Purchase Merchandise	16
15	Fan - Stream Game	4
17	Fan - localization	16
19	Fan - Athletes Village Tours	16
22	Fan - View Results	4
24	Fan - Search for sport/athlete/team	8
Story Point Sub-Total:		84

Blogging & Media Implementation

This set of features is to allow Media members to create and post blogs and articles about the Olympics and the athletes involved. This is to allow for organic reporting and updates on the website that a user can navigate to if they desired.

Story ID	Story Title	Story Points
49	Media Member - View Athletes Details	2
50	Media Member - Write article	8
51	Media Member - Edit articles	8
53	Media Member - Remove article	8
Story Point Sub-Total:		26

Scheduling Feature Additions

This feature set aims to improve upon and add to the bare bones scheduling system that would have been added in release 1 and provides more granularity detail. It will allow staff to see who they are working with and any inventory issues. It will allow athletes to see other athletes events, useful for coaches and allow them to see exact times for scheduled events which is useful for government members to plan around facility locations and expected crowd size.

Story ID	Story Title	Story Points
26	Staff - Inventory Information	8
31	Staff - View fellow colleagues	4
61	Athlete Team Member - see other athletes events	2
62	Athlete Team Member - View Event Participation	2
63	Athlete Team Member - See match timetables	8
73	Government - See expected crowds	4

74	Government - See facility locations	2
Story Point Sub-Total:		30

Financial Tracking

This aims to implement financial tracking on the website so that number of fans can be estimated for the Olympic committee, government can see income from tax and advertising and sponsors can have ads deployed to the website.

Story ID	Story Title	Story Points
68	Olympic Committee - Tickets sold	4
76	Government - See event income	4
54	Sponsors - Redirect users	1
Story Point Sub-Total:		9

Information Updates

This aims to implement additional features that provide information either to staff, developers or the Olympic committee such as issues and runtime dependencies and their status.

Story ID	Story Title	Story Points
44	Developer - Runtime & Dependencies	4
65	Athlete Team Member - See banned substances	1
70	Olympic Committee - View Issues	4
Story Point Sub-Total:		9

Release 3

Delivery date: 11/07/2023

Total Story Points: 73

Release 3 aims at delivering final touch ups to the website primarily focusing on adding information for fans, staff, media, athletes, government and all the other stakeholders involved. This is primarily straight text information with minimal changes except for querying databases.

Information for Fans

This address the outstanding stories regarding fans and information that they require from the Olympic website such as transport accommodation security etc

Story ID	Story Title	Story Points
3	Fan - Transport	8
5	Fan - History	2
8	Fan - Accommodation	2
9	Fan - Graphic Design	5
12	Fan - Collect Data	5
13	Fan - Contact Security	1
16	Fan - Travel restrictions	2
18	Fan - Stadium rules	1
20	Fan - FAQ	2
21	Fan - Current world records	1
23	Fan - View world records	1
Story Point Sub-Total:		30

Information for Athletes, Staff & Media

This addresses the outstanding stories that require information for nonfans. This is only accessible by the login system and primarily shows job related information.

Story ID	Story Title	Story Points
25	Staff - See payroll	4
28	Staff - Parking	2
32	Staff -Certificate	2
35	Staff - Stadium attendance	8
33	Staff - FAQ	2
34	Staff – Buy/store food	1
46	Media Member - See fixture times	2
47	Media Member - See results of Olympics event	4
48	Media Member - Reach responders and athletes	1
67	Athlete Team Member - See tour information	2
75	Government - See security measures	2
Story Point Sub-Total:		30

Sponsors

This set of stories aims to expand on sponsors within the website allowing them to provide customized adds, receive data and contact the Olympics Committee.

Story ID	Story Title	Story Points
55	Sponsors - Customized ads	4
56	Sponsors - Receive website traffic data	8
58	Sponsors - Make brand deals	1
Story Point Sub-Total:		13

Delivery Schedule

Create a table that provides dates for the planned sprints and releases.

Note: Project starts from 4th of April and is considered Week 1.

Week 1 Apr. 11	Week 2 Apr. 18	Week 3 Apr. 25	Week 4 May. 2	Week 5 May. 9	Week 6 May. 16	Week 7 May. 23	Week 8 May. 30	Week 9 June. 6	Week 10 June. 13	Week 11 June. 20	Week 12 June. 27
Sprint 1		Sprint 2		Sprint 3		Sprint 4		Sprint 6		Sprint 7	
Release 1				Release 2				Release 3			

Estimated Velocity: 110

Sprint Plan

Sprint 1

Total Story Points: 100

Total Hours: 81

Current Velocity: undefined

1: Fan – Ticket Search

Task ID	Task Description	Estimate	Taken
T01	Create a page which shows all available tickets and a search box	3	
T02	Write test cases	2	
T03	Write code to retrieve search items from the database	2	
T04	Verify story is complete (acceptance test)	1	
T05	Story Points: 8	Total Hours: 8	

10: Fan – Ticket View

Task ID	Task Description	Estimate	Taken
T06	Create a page which displays ticket search results and allows users to view specific ticket information on a GUI.	4	
T07	Write test cases.	3	
T08	Write code to display search items from database.	2	
T09	Write code to display more details of selected tickets.	2	
T10	Story Points: 16	Total Hours: 11	

43: Developer – Task Management System

Task ID	Task Description	Estimate	Taken
T11	Set up a Jira account	1	
T12	Add all users of the team to Jira	1	
T13	Story Points: 2	Total Hours: 2	

40: Developer - Bug Reports Log

Task ID	Task Description	Estimate	Taken
T14	Set up a bug tracking/issues page within jira	1	
T15	Set up documentation to provide information on how to report a bug	2	
T16	Story Points: 2	Total Hours: 3	

41: Developer - Documentation Hub

Task ID	Task Description	Estimate	Taken
T17	Outline architecture of website within confluence	1	
T18	Set up relevant documentation pages based off architecture for future adding	1	

T19	Story Points: 1	Total Hours: 2
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42: Developer - Schedule Planning

Task ID	Task Description	Estimate	Taken
T20	Set up a Confluence page for planning	1	
T21	Develop grants charts or other details for documentation	1	
T22	Story Points: 2	Total Hours: 2	

45: Developer – Feature Specification Hub

Task ID	Task Description	Estimate	Taken
T23	Set up confluence page for specifications of features which will be added to on a feature per feature basis	1	
T24	Story Points: 1	Total Hours: 1	

45: Developer – Database Communication Layer

Task ID	Task Description	Estimate	Taken
T25	Select a relevant SQL database within the SQL Suite in AWS or Azure	2	
T26	Set up infrastructure in AWS/Azure	4	
T27	Test and ensure functionality	2	
T28	Story Points: 8	Total Hours: 8	

29: Staff - Account Login

Task ID	Task Description	Estimate	Taken
T29	Create a database table to store usernames and passwords for staff	1	
T30	Create a registration page to create an account	4	
T31	Create a connection from registration page to database to record details	8	
T32	Create a main page to enter details or register for an account and check details against database	8	
T33	Story Points: 32	Total Hours: 21	

30: Staff – Reset Account Password System

Task ID	Task Description	Estimate	Taken
T34	Create a webpage to land on to enter details for resetting password	2	
T35	Create a database connection to check and confirm details	2	
T36	Create a database connection to update new password	1	
T37	Story Points: 4	Total Hours: 5	

30: Developer – make website maintainable

Task ID	Task Description	Estimate	Taken
T38	Produce documentation to ensure team follows for best design practises	4	
T39	Add documentation to confluence and host team meeting about it	2	

T40	Story Points: 8	Total Hours: 6
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37: Developer – Dynamic Localization

Task ID	Task Description	Estimate	Taken
T54	Set up infrastructure to ask for location within the backend	4	
T55	Implement a prompt to ask for location either via browser or by button select	6	
T56	Developer API to check location for other features to use	2	
T57	Story Points: 16	Total Hours: 12	

Sprint 2:

Total Story Points: 158

Total Hours: 77

Current Velocity: 0

14: Fan - Account Login

Task ID	Task Description	Estimate	Taken
T41	Create a database table to store usernames and passwords for fans	2	
T42	Expand upon staff registration page to include fans	1	
T43	Expand reset password page from staff resetting to include fans	1	
T44	Story Points: 32	Total Hours: 4	

66: Athlete – Account Login

Task ID	Task Description	Estimate	Taken
T45	Create a database table to store usernames and passwords for athletes	2	
T46	Expand upon staff registration page to include athletes	1	
T47	Expand reset password page from staff resetting to include athletes	1	
T48	Story Points: 32	Total Hours: 4	

11: Fan – Backend Payments

Task ID	Task Description	Estimate	Taken
T49	Create a credit card transaction system	3	
T50	Create a way to accommodate for other online payment systems such as PayPal	3	
T51	Create a GUI interface to enter payment details.	4	
T52	Write test cases	2	
T53	Story Points: 16	Total Hours: 12	

71: Olympic Committee - Account Login

Task ID	Task Description	Estimate	Taken
T58	Create a database table to store usernames and passwords for Olympic committee	2	
T59	Expand upon staff registration page to include Olympic committee	1	
T60	Expand reset password page from staff resetting to include Olympic committee	1	
T61	Story Points: 32	Total Hours:	4

2: Ticket Buy

Task ID	Task Description	Estimate	Taken
T62	Create a system to purchase tickets and associate them to a registered account.	4	
T63	Display purchased tickets in the fan's account	2	
T64	Write test cases	2	
T65	Story Points: 16	Total Hours:	8

64: Athlete Team Member – see training and rest schedule

Task ID	Task Description	Estimate	Taken
T66	Create a scheduling page that shows a colour coded calendar	4	
T67	Write test cases	2	
T68	Write code to retrieve the training and rest times for each athlete from the database	2	
T69	Verify if story is complete (acceptance test)	1	
T70	Story Points: 4	Total Hours:	9

69: Olympic Committee – Game Schedule Page

Task ID	Task Description	Estimate	Taken
T71	Create database tables to store athletes who have received invitations, appropriate coaches and support staff	4	
T72	Write test cases	2	
T73	Write code to make queries to the database	2	
T74	Verify story is complete (acceptance testing)	1	
T75	Story Points: 4	Total Hours:	9

59: Athlete Team member – See events schedule

Task ID	Task Description	Estimate	Taken
T76	Create a page that shows the timings for each event that an athlete competes in	4	
T77	Write test cases	2	
T78	Write code to retrieve the event timings for an athlete from the database	2	
T79	Verify if story is complete (Acceptance testing)	1	
T80	Story Points: 8	Total Hours:	9

72: Olympic Committee – Website Alert System

Task ID	Task Description	Estimate	Taken
T81	Create a banner that displays on every web page	1	
T82	Write test cases	1	
T83	Verify if story is complete (acceptance test)	1	
T84	Story Points: 4	Total Hours: 3	

60: Athlete team member – see event locations

Task ID	Task Description	Estimate	Taken
T85	Create a page that contains a map of all event locations	2	
T86	Write test cases	2	
T87	Verify if story is complete (acceptance test)	1	
T88	Story Points: 2	Total Hours: 5	

27: Staff – Work Schedule

Task ID	Task Description	Estimate	Taken
T89	Create a page which display a table and allow users to edit the table.	4	
T90	Write test cases	2	
T91	Write code to retrieve the schedules for each staff from the database	2	
T92	Verify if story is complete (acceptance test)	1	
T93	Story Points: 8	Total Hours: 9	