

Youth Program Digital System Update – Discovery, Kick-off & Sprint 1

We have **herd** great things!



Introduction:

Two Bulls is a creative-engineering focused software development company based in Melbourne & Brooklyn. They manage all projects using Agile, which is similar to how we work at Scouts (in Patrols, using Plan>Do>Review>, etc). Two Bulls have a core team of 6 people developing our project, including a number of Engineers & Experience/Interface Designers. We are working in a continuous series of intense 2-week builds around an agreed feature/part of the project. These 2-week builds are called 'sprints' and after each we will have something to demonstrate, Review> and test. Every week we meet with Two Bulls and have a Product Backlog Review (discussing and planning what will be worked on in the next sprint(s)), or a Sprint Review/Plan (where we Review> what has been created so far and Plan> how we will achieve the next 2-week build). This Sprint (1) we are building a first pass at Special Interest Areas, with Outdoor Adventure Skills (Sprint 2), user management (Sprint 3) and then more of the Achievement Pathways (Sprint 4) coming up next.

What are they working on?

- YPRCT members met with Two Bulls in December to deliver a program overview & core features breakdown. Since this meeting, members of the YPRCT have met with Two Bulls to detail how best-practise programming should occur in Scouts, and also talking through further development/program questions. From these discussions, Two Bulls are learning rapidly about our organisation and the program.
- They are collating concept artwork, inspiration, design elements.
- They are brainstorming & storyboarding the flow that a user would experience with doing their tasks and interacting with the program, and how these experiences can be as efficient, simple, dynamic and adaptable as possible.
- **Sprint 1 Goal:** *As a Scout, I want to be able to Create, Edit and Submit a Special Interest Area* – Sprint 1 started on the 22nd Jan, and finished 5th Feb.
- Brainstorming an approach for modular, flexible reporting & program creation.

What did they show us?

- Two Bulls coached us through more learning about the agile project management approach they are taking and what this means for us.
- We are communicating with Two Bulls through Basecamp & Slack. These services provide simple, rapid and adaptable file sharing and communication.
- Two Bulls walked us through some concept design ideas in the form of a vision board/mood board. They are also exploring concepts for each section's home screen, based around maps. These are exciting!
- They have set up the infrastructure required in Amazon Web Services to host and support our project during development and after launch.
- They showed us an initial skeleton/basic layout for how Special Interest Areas could work (they referred to this as a wireframe).

What are we doing to support them?

- Our team are present at every Sprint plan/review & product backlog review.
- We will be reviewing 'nightly builds' as a subject matter expert team & feature-sets fortnightly within the Sprint Review meeting.
- The YPRCT is answering questions on a daily basis & providing program content
- YPRCT members are meeting with Two Bulls to go through the challenge/element in detail.
- Kick-off meeting (15th December) with YPRCT members.
- Meet the team & Q/A session (17th January) with Two Bulls & YPRCT.
- Program creation in detail (22nd January) with Two Bulls & YPRCT.
- Update & Q/A session (28th January) with Two Bulls & YPRCT.

What needs more work?/Further considerations

- They are developing a testing strategy document. Currently – the plan is to use automated testing for the backend/complex elements of the project, and then have user testing occur at two key points for each main feature set. Initially, when the feature is brainstormed and planned, and afterwards getting users to test that feature.
- They are planning/creating a system architecture diagram for us. This diagram will show the relationships between different components of the system.
- Two Bulls are exploring the best way for the system content can be managed by us post launch.
- Two Bulls are working hard to help us make improvements on elements of record keeping in the program. This is going to lead to simpler, more effective data entry for members.