**Project Sprint Backlog: SportsLover**

Team265: Wenyan Hu (wenyanh), Bin Zhu (bzhu1) Section: A

**Background:**

Most people love all kinds of sports. But sometimes, especially when people get into work, people don’t have enough available time and friends for normal or extreme sports. There are kinds of sports forums now but no real outside sports mapping e-community. SportsLover is a website that focuses on matching people who want to have a sport sometime to go out for sports together. People can be mapped to groups with specific sports plan and join them, or search for some sports places and events information to schedule a sports plan by themselves for sports fun.

**Backlog:**

* For detailed information, you can also directly check with backlog.xlsx if you can open it.
* We would use the backlog.xlsx excel form for mainly updating and maintaining of our work.

**Sprint 1:** Implement the whole group & event related functions for SportsLover

**Time:** 10/27 - 11/7

**Product Owner:** Bin Zhu

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 1** | Preparation Study | | | |
| **Story Goal** | Good UI and Good Data Structure | | | |
| **Sub Task 1** | Unified UI Decision for CSS & JS template and module | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Bin Zhu | 10/27/2016 | 10/28/2016 | 2 hours | material-ui, bootstrap |
| **Page** | All | **Status** | Success | |
| **Sub Task 2** | Data Model Decision for models.py | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Bin Zhu | 10/27/2016 | 10/28/2016 | 2 hours | - |
| **Page** | All | **Status** | Success | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 2** | Login Related Pages | | | |
| **Story Goal** | Add sign out, sign in, password change, profile settings features in groups and personal pages; Create sign up page for initial information | | | |
| **Sub Task 1** | Sign In Page | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Bin Zhu | 10/29/2016 | 10/31/2016 | 1 hour | Remind user to sign in when request to create or join a group |
| **Page** | 1 | **Status** | Success | |
| **Sub Task 2** | Setting Page | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 10/29/2016 | 10/31/2016 | 1 hour | - |
| **Page** | 2 | **Status** | Success | |
| **Sub Task 3** | Password Change Page | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 10/29/2016 | 10/31/2016 | 1 hour | - |
| **Page** | 3 | **Status** | Success | |
| **Sub Task 4** | Sign Up Page | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Bin Zhu | 10/29/2016 | 10/31/2016 | 1 hour | - |
| **Page** | 4 | **Status** | Success | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 3** | Search Specific Group Feature on Main Page | | | |
| **Story Goal** | Searching sports groups based on sports type, dates, expense | | | |
| **Sub Task 1** | HTML Design | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 10/30/2016 | 11/01/2016 | 5 hours | - |
| **Page** | 5 | **Status** | Success | |
| **Sub Task 2** | Backend Search Function Support | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 10/30/2016 | 11/01/2016 | 5 hours | - |
| **Page** | 5 | **Status** | Success | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 4** | Groups Page | | | |
| **Story Goal** | List all the groups information by the filter | | | |
| **Sub Task 1** | HTML Design | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 10/30/2016 | 11/01/2016 | 5 hours | - |
| **Page** | 6 | **Status** | Success | |
| **Sub Task 2** | Backend Filter Function Support | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 10/30/2016 | 11/01/2016 | 5 hours | - |
| **Page** | 6 | **Status** | Success | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 5** | Personal Page | | | |
| **Story Goal** | List user's profile, group event, groups & friend | | | |
| **Sub Task 1** | HTML Design | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 10/30/2016 | 11/01/2016 | 3 hours | - |
| **Page** | 7 | **Status** | Success | |
| **Sub Task 2** | Backend Filter Function Support | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 10/30/2016 | 11/01/2016 | 3 hours | - |
| **Page** | 7 | **Status** | Success | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 6** | Group Create Form | | | |
| **Story Goal** | Create a group for an event | | | |
| **Sub Task 1** | Form Design | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 11/01/2016 | 11/03/2016 | 3 hours | - |
| **Page** | 6, 7 | **Status** | Success | |
| **Sub Task 2** | Backend Post Function Support | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 11/01/2016 | 11/03/2016 | 3 hours | - |
| **Page** | 6, 7 | **Status** | Success | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 7** | Group Item Display | | | |
| **Story Goal** | Get specific group information when clicking on groups page | | | |
| **Sub Task 1** | Add logic to groups and personal view | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 11/01/2016 | 11/03/2016 | 3 hours | Reuse the Group Create Form |
| **Page** | 6, 7 | **Status** | Success | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 7** | Notifications | | | |
| **Story Goal** | Notify any news or requests needed for user when he/she has logged in | | | |
| **Sub Task 1** | HTML Design | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 11/04/2016 | 11/07/2016 | 4 hours | - |
| **Page** | All except main page | | **Status** | Success |
| **Sub Task 2** | Add logic in group request views for this | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 11/04/2016 | 11/07/2016 | 4 hours | - |
| **Page** | All except main page | | **Status** | Success |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 8** | Chat Room | | | |
| **Story Goal** | Make every group be able to chat, and any two users can be friends | | | |
| **Sub Task 1** | Implement group chatting for every group | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Bin Zhu | 11/01/2016 | 11/07/2016 | 10 hours | clickdesk or sendbird |
| **Page** | All except main page | | **Status** | Success |
| **Sub Task 2** | "Be-Friends" requests in one chat room | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 11/01/2016 | 11/07/2016 | 2 hours | - |
| **Page** | All except main page | | **Status** | Success |
| **Sub Task 3** | Add "Be-Friends" feature in Notification, and Personal Page | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Wenyan Hu | 11/01/2016 | 11/07/2016 | 2 hours | - |
| **Page** | 7 | **Status** | Success | |

**Summary for Sprint 1:**

Develop all the logic and most (>90%) of the front-end and backend features and functions by ourselves without plugins. Exercise in becoming a better web application programmer.

**Sprint 2:** Add place-related functions and Map supporters for SportsLover

**Time:** 11/8 - 11/21

**Product Owner:** Wenyan Hu

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 1** | Places Page | | | |
| **Story Goal** | List all the sports places people have attended, including filter by rank, popularity, expense | | | |
| **Sub Task 1** | HTML Design | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Wenyan Hu | 11/08/2016 | 11/10/2016 | 4 hours | - |
| **Page** | 8 | **Status** | Success |  |
| **Sub Task 2** | Backend Filter Function Support | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Wenyan Hu | 11/08/2016 | 11/10/2016 | 4 hours | - |
| **Page** | 8 | **Status** | Success |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 2** | Place Item Display | | | |
| **Story Goal** | Get specific sports place information when clicking on places page | | | |
| **Sub Task 1** | HTML Design | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Bin Zhu | 11/08/2016 | 11/11/2016 | 4 hours | - |
| **Page** | 9 | **Status** | Success |  |
| **Sub Task 2** | Backend Filter Function Support | | | |
| **Responsible** | **Start Date** | **End Date** | **Duration** | **Dependency** |
| Bin Zhu | 11/08/2016 | 11/11/2016 | 4 hours | - |
| **Page** | 9 | **Status** | Success |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 3** | Comment and Rank | | | |
| **Story Goal** | Add Comments and Ranks for the place you went | | | |
| **Sub Task 1** | Notifications whenever the event ends | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Bin Zhu | 11/12/2016 | 11/16/2016 | 3 hours | Remind user to rank and comment every time the group event ends |
| **Page** | All except main page | | **Status** | Success |
| **Sub Task 2** | For each place item page, add comment and rank at the bottom, show average ranks and costs | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Bin Zhu | 11/12/2016 | 11/16/2016 | 3 hours | - |
| **Page** | 9 | **Status** | Success | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 4** | Place Search on Main Page | | | |
| **Story Goal** | Add search choice for places | | | |
| **Sub Task 1** | Add search buttons for recent sports, nearby places, and most popular places | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Wenyan Hu | 11/12/2016 | 11/16/2016 | 5 hours | - |
| **Page** | 5 | **Status** | Success | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 5** | Map Support on Main Page | | | |
| **Story Goal** | Support place location search and map-based filter search feature | | | |
| **Sub Task 1** | Embed Google Map search in the bottom of main search page | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Wenyan Hu | 11/17/2016 | 11/21/2016 | 6 hours | Google Maps API |
| **Page** | 5 | **Status** | Success | |
| **Sub Task 2** | Embed map with pins represents group events places for map-based search of groups | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Bin Zhu | 11/17/2016 | 11/21/2016 | 6 hours | Google Maps API |
| **Page** | 5 | **Status** | Success | |

**Sprint 3:** Add payment function and check for security of the whole project

**Time:** 11/22 - 11/29

**Product Owner:** Wenyan Hu, Bin Zhu

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 1** | Payment | | | |
| **Story Goal** | Get specific sports place information when clicking on places page | | | |
| **Sub Task 1** | Implement payment function for every user | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Bin Zhu | 11/22/2016 | 11/26/2016 | 20 hours | venmo api |
| **Page** | 9 | **Status** | Success | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 2** | Security Check | | | |
| **Story Goal** | Check the security of the whole project for users and places | | | |
| **Sub Task 1** | CSS, JavaScript related security check | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Wenyan Hu | 11/27/2016 | 11/27/2016 | 6 hours | - |
| **Page** | None | **Status** | Success | |
| **Sub Task 2** | Network security written in the backend | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Bin Zhu | 11/27/2016 | 11/27/2016 | 4 hours | - |
| **Page** | None | **Status** | Success | |
| **Sub Task 3** | Third-party API and plugin security | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Wenyan Hu | 11/27/2016 | 11/27/2016 | 6 hours | - |
| **Page** | None | **Status** | Success | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 3** | Documents | | | |
| **Story Goal** | Instructions for user usage | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Wenyan Hu | 11/28/2016 | 11/28/2016 | 4 hours | - |
| **Page** | None | **Status** | Success | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task 4** | Preparation For Demo | | | |
| **Story Goal** | Deployment & Test | | | |
| **Responsible** | **Start Date** | **End Date** | **Estimation** | **Dependency** |
| Wenyan Hu, Bin Zhu | 11/29/2016 | 11/29/2016 | 4 hours | - |
| **Page** | All | **Status** | Success | |

**HTTP Pages:**

1. Sign In
2. Settings
3. Password Change
4. Sign Up
5. Main Page: Search
6. Groups
7. Personal
8. Place
9. Place Individual

For detailed page information, you can refer to project specification.