

Project Sprint Backlog: SportsLover

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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.