

SportsLink: Features, Scenarios, Personas and User Stories

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Introduction:

SportsLink is an app designed to help people create and find sports pickup games and other activities in their community. Several interviews were conducted amongst people of various ages to refine the direction that the app will proceed in. Originally, the app was to include the option for e-games, but we found that not as many people would be likely to participate. We created three personas -- Ava, Julie, and Matt each from different backgrounds. After creating the personas, scenarios, and user stories, we decided that the minimum viable product would need a create event feature, a search feature, a filtering feature, and a user profile feature.

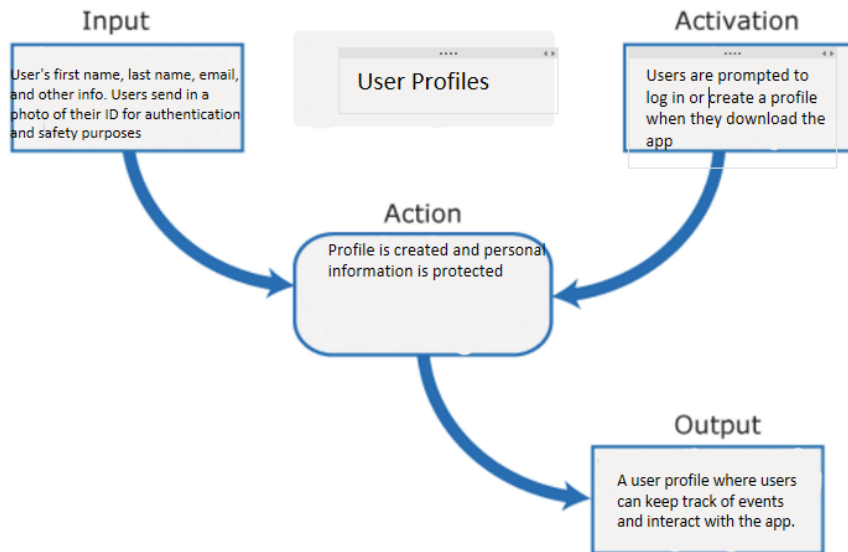
Part One: Informal Interviews

Located in Appendix.

Part Two: Developing the Design Artifacts

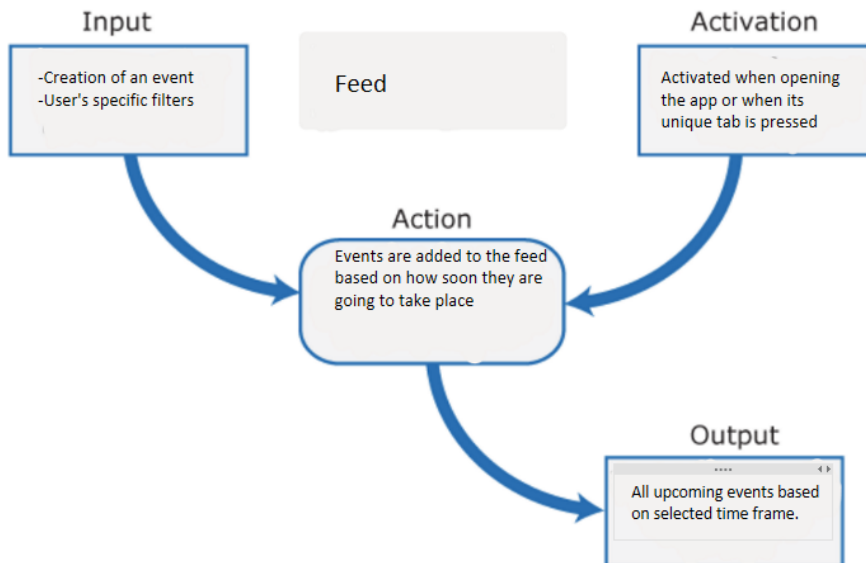
Feature Diagrams –

Software Engineering Assignment 2
CS400-01
Software Design and Development
Fall 2021
1. User Profiles



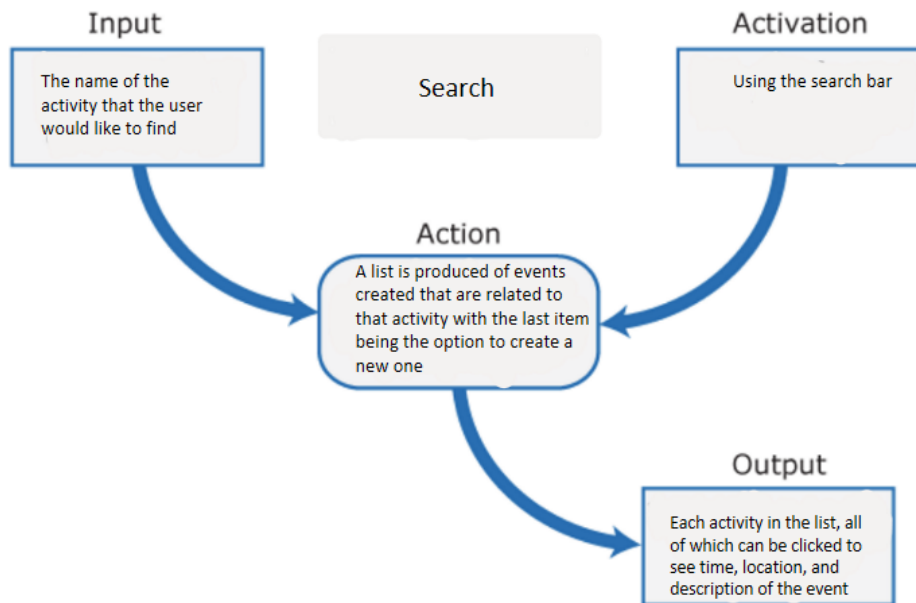
to

2. Feed

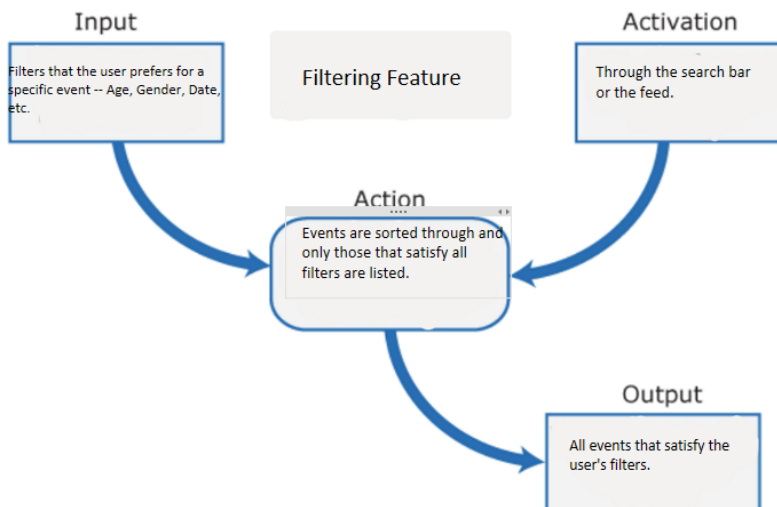


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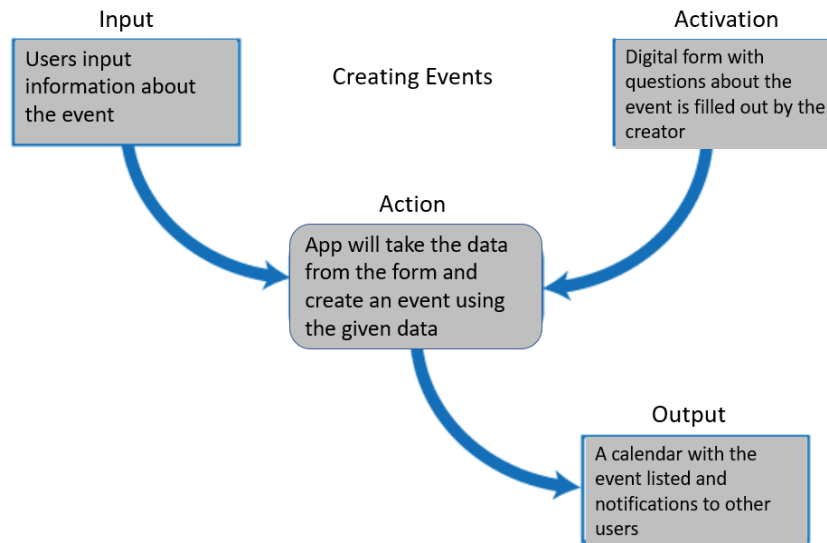
3. Search



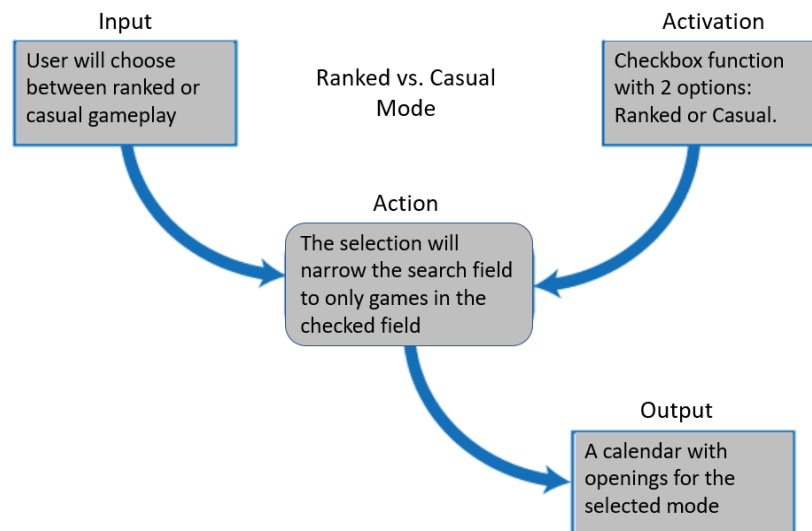
4. Filtering

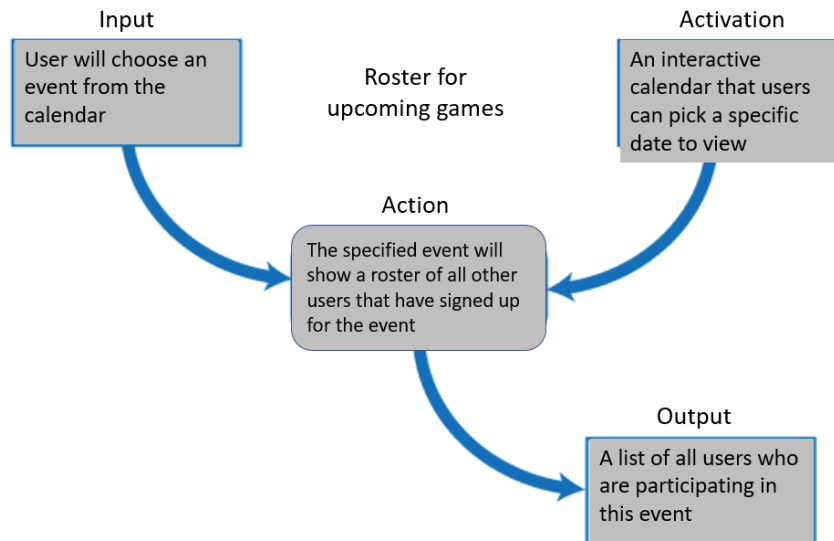


5. Creating Events

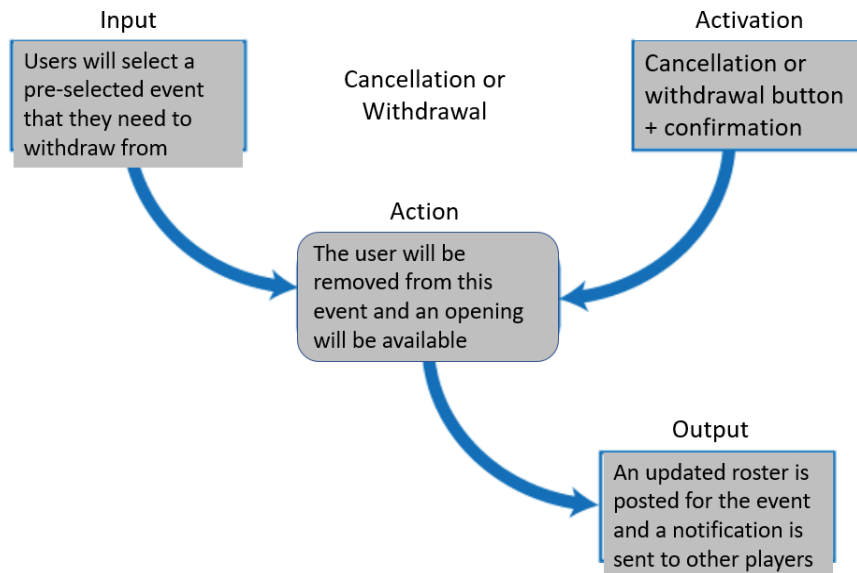


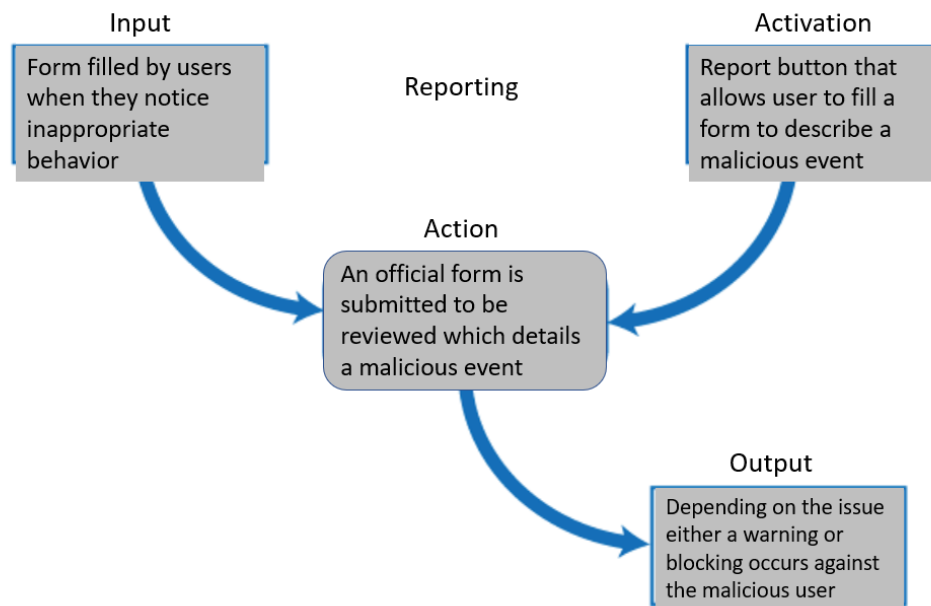
6. Ranked vs Casual



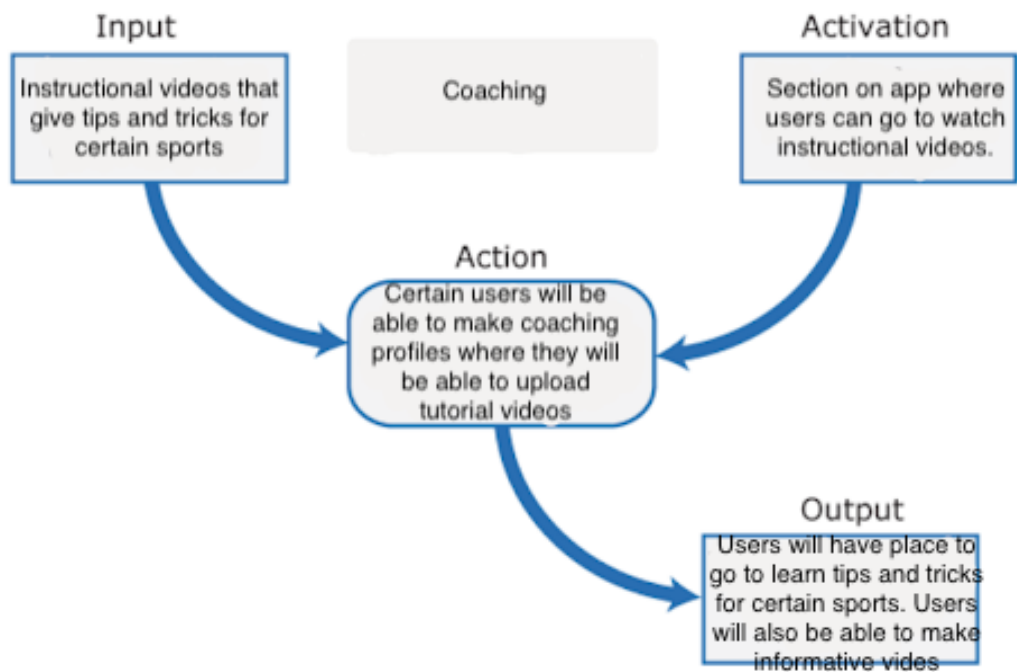


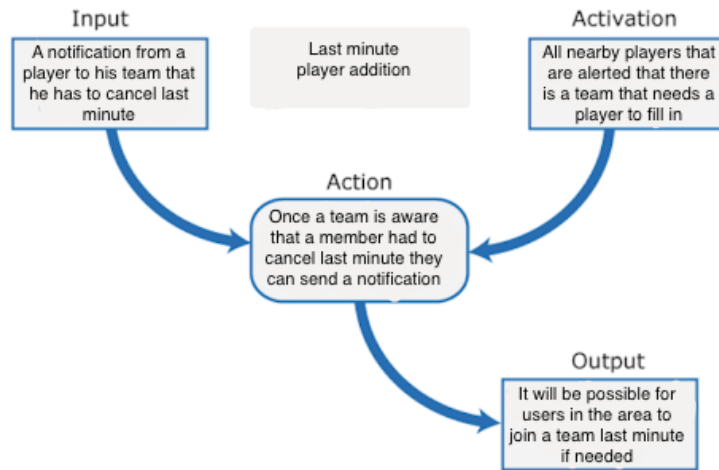
8. Cancel or Withdrawal





10. Coaching





Personas –

Persona 1:

Ava, 23, Recent College Graduate

Ava, age 23, is a college graduate from Bellarmine University. She was born in Milwaukee, Wisconsin and **recently moved** to Cincinnati, Ohio after completing her degree at Bellarmine. She has no children and no partner. She lives in an apartment with 2 other women her age. She is currently on the job search, but expects to be working at a full-time job in the next few months. She **does not have a car** and prefers to use her bike or public transport to get around.

Ava participated in sports during her first few years of high school, but has not played since. She is also a fan of yoga and other group activities. She enjoys spending time with other people and has picked up arts and crafts as a hobby.

Ava keeps up a regular fitness schedule. She is looking to meet new people around her age and that have similar interests. She might **use SportsLink** as a way to **stay in shape** and **bond with people** in the Cincinnati area.

Ava is very accustomed to technology. She navigates advanced and large scale apps with ease but also does not mind when apps take on a simple approach to accommodate other types of users. She loves to use social media.

Persona 2:

Julie, 68, a retired Auctioneer

Julie, age 68, is a **retired** auctioneer who currently lives in Keizer, Oregon. She was born in Jefferson City, Missouri but moved to Keizer, Oregon when she was in elementary school. When she was in high school she was **on both the school's tennis and volleyball team** and competed in state tournaments with her school. She attended Lee University in Cleveland, Tennessee but moved back to Keizer when she graduated and has lived there ever since. **She and her husband have no kids** and live a simple, quiet life.

Recently she has been **going on walks** as a form of exercise but finds it difficult to find others to join her. Some days she has a hard time motivating herself to go on these walks but she thinks it would be more enjoyable if she **found like-minded people to walk with**.

She has also been interested in finding sports she can play. She has been **interested in ping-pong** since it is similar to tennis which she used to play frequently in high-school. She has not been able to find people to play with locally but she is hoping that will change.

She might use SportsLink as a way to **connect with others** and **find people who will join her on walks and play ping-pong with her**. She is **not very adept with mobile technology** but she has **used many web based applications** in the past.

Persona 3:

Matt, 21, College Student

Matt, age 21, is a **current** college student who lives in San Diego, California. He attends San Diego State University where he is studying business and is a member of a fraternity. He is in his Junior year of college. In highschool, **Matt played both football and lacrosse**. He also enjoyed playing basketball with his friends on the weekend or whenever he had any free time.

Matt was always very competitive but was not looking for the huge commitment of playing a sport in college. He gets to play a lot of basketball and football with members of his fraternity, but he is looking for something a little more competitive. He always had an idea of **organizing a basketball tournament** between different fraternities at the school.

He might use SportsLink as a way to **organize tournaments between fraternities**. He might also use the app to find new sports and make friends outside of his fraternity.

Scenarios

Scenarios for Ava:

Ava's Scenario -- Safety Concerns

Ava is interested in the SportsLink app, but she is **skeptical** of its safety.

She no longer lives in proximity to family or friends now that she lives in Cincinnati. Because she does not have a car, she is extra cautious.

She noticed that the app currently has a feature that allows users to be reported, but does not feel fully protected by that. She knows that Uber has a feature that lets you **share your location** with a friend, and being able to do that with SportsLink would make her feel more comfortable.

Since she is new to the area, she prefers the randomized team feature. However, for her own safety, she wants to be able to get **information on who exactly she is meeting** and also be able to **trust that the profile is real**.

User Stories

- As a woman, I would like the option to play with other women only.
- As someone living apart from family and friends, I would like to be able to share my whereabouts with a close contact.
- As someone concerned about safety, I need the events to take place at certified and public spaces.
- As someone concerned about safety, I need for other users to be authenticated.
- As someone concerned about safety, I need to be able to see information about the people I am meeting with.
- As someone concerned about safety, I need to be able to cancel my RSVP if I feel unsafe.
- As someone concerned about safety, I want to be able to play with more than 2 people.
- As someone living with other young women, I want my address and phone number to be protected.

Ava's Scenario -- Feed feature

Ava is currently unemployed. In the few weeks that she has lived in Cincinnati, she has been on the search for fun things to do in the area. However, she has not been able to find local events. She wants to use SportsLink to **stay active and meet new people**.

She has taken up a fitness routine at a nearby gym, but is running out of funds to pay for the membership. She wants to fill her time but wants to do so in a way that is no extra cost to her.

Ava is fairly athletic, but does not feel the need to compete or level up. She does not consider herself experienced.

Ava utilizes the **feed feature** to scroll through upcoming activities that have been created by other users. Here, she can also view who has signed up and see if there are any users around her age. The feed also allows her to filter through so that she can accommodate her experience level. When she sees an event she is interested in, she adds it to her list of events. The feed can also be filtered by location proximity so that she can find events close to her.

User Stories:

- As a young adult, I want the option to socialize with other members of the app.
- As an indecisive person, I want to be able to scroll through various events to get a feel for what I might enjoy.
- As someone looking to meet new people, I want to be able to interact and communicate with other users.
- As an inexperienced player, I want to be able to comment on the event's feed post so that I can ask questions if I need to.
- As someone who uses public transportation, I need the games to be close in proximity or easy to access by transit.
- As an inexperienced player, I want to be able to play with others that are less competitive.
- As someone on a fitness journey, I want to be able to make record of the games I've participated in.
- As someone familiar with social media, I want it to be easy for me to save an event to my list.

Ava's Scenario -- Scheduling Feature

Ava has found a full-time job in the field that she studied in college. She **does not have much free time** anymore. She has found a group of friends, but all of them have busy schedules.

Ava still wants to find time to participate in the events that SportsLink has to offer, the events available are **sometimes too short of notice** for her to participate.

She wants to be able to schedule out events at least a month in advance so that she can adequately **manage her time**.

Ava and her friends have a **hard time aligning schedules**, but they have all agreed that **meeting monthly** is practical for them. They usually go out for drinks or dinner, but are getting bored of those activities. Instead, they prefer to do free and fun group activities much like the ones that SportsLink has to offer.

- As a full-time worker, I need to be able to plan ahead for games several weeks in advance.
- As someone looking to hang out with specific friends, I want to be able join a team with my friends.
- As someone centered around time management, I would like to be able to create a calendar of events that I want to participate in.
- As someone centered around time management, I would like to be able to set up recurring weekly, bi-weekly, or monthly events so that my schedule can stay structured.
- As a full-time worker, I want to be able to participate in events that do not take up several hours.
- As a full-time worker, I want to be able to select from events that are after 5pm.
- As a full-time worker, I would like to choose from events that are not too physically demanding.
- As full-time worker, I would like to create events that work for my schedule.

Scenarios for Julie:

Julie's Scenario: Organizing/Creating a walking event

Julie has decided that she wants to go on a walk **later in the evening**. Sometimes her **husband joins her** during these walks. She logs onto the SportsLink web application and fills out a few questions to create an event.

The questions include: **who** she wants to participate based on age groups, **what** the event is, **when** the event will take place, and **where** she plans to hold this event.

She decides to only include people in **her age group** because she thinks this is the best way to meet people who **share her interests**. She specifies that the event is **for walking**. She hates walking in the heat so she schedules the event for the evening. She also dislikes driving long distances so she finds the **nearest park** to hold this event.

Once she fills out these questions, she finalizes the event and it is **added to the calendar** in SportsLink.

Julie, 68 scenario #1 User Stories:

- As an older adult, I want to meet and connect with people in my age group
- As an older adult, I need to be able to organize events for leisure activities such as walking and not only intense sports.
- As an older adult, I want to be able to create events at specific times
- As an older adult, I want to be able to create events in locations nearby to avoid driving longer distances
- As a retired worker, I want to form close connections with others as it is difficult to socialize.
- As a married woman, I want to create co-ed events so I can bring my husband and meet other potential couples.
- As an older adult, I need to have a web application option as mobile apps can be tricky.
- As a slightly forgetful person, I want to receive notifications before a scheduled even

Julie's Scenario: Joining a ping-pong/table tennis event

Back in Julie's high school days she **was a tennis star**. Now that she is 68 it is difficult for her to play tennis, but ping-pong is a similar game that she has been interested in recently. She prefers to play with **similarly skilled players** as she is new to the game.

Julie logs into her SportsLink account and looks for any ping-pong games that she could join. She wants to join games specifically **for beginners** and preferably **near where she lives** as she hates driving.

When she checks for the available games, she finds one matching her description. The game is located about 5 minutes away from where she lives and it is going on for another 2 hours.

She **checks the roster** to see if anyone she knows is playing at the same game. She sees a few names that she recognizes from the other events she's joined. This makes her feel a little better because she will be able to **connect with other members** while also getting a chance to **meet new players**.

She registers for the event so she will be added to the roster. Then she packs her equipment and heads over to the game.

Julie, 68 scenario #2 User Stories:

- As a beginner, I want to play with people in a similar skill group
- As a busy woman, I want to be able to see how long an event is going on
- As an introvert, I want to be able to view a roster of other players
- As a former athlete, I want to be able to connect with other former athletes
- As an organized person, I want to be able to sign up for an event ahead of time.
- As an adventurous person, I want to be able to sign up for sports I haven't played before
- As a competitive person, I want to be able to play in a tournament
- As an active person, I want to be able to sign up for multiple events whenever possible

Julie's Scenario: Missing a ping-pong tournament

Julie has a ping-pong tournament scheduled for Friday at 1 pm. However, her cousin is getting married the following weekend and she has a fitting appointment scheduled for her bridesmaid dress. This appointment is at the same time as the ping-pong tournament so she won't be able to make it to the tournament.

Julie **logs into** her SportsLink account from her computer to **remove herself from the event**. She looks for the ping-pong tournament in the calendar and **withdraws from the event**. She is then **asked to confirm** that she means to withdraw and is **taken off of the roster**.

Once the withdrawal goes through, the **roster is updated** and a **notification is sent** to other players in the tournament.

Julie feels guilty about withdrawing from the tournament so when the day comes, she checks the roster and is happy to see that **another player was able to take her spot** and the tournament continued as normal.

Julie, 68 scenario #3 User Stories:

- As a busy woman, I need to be able to withdraw from events
- As an accident prone woman, I need to be able to confirm or deny any withdrawals made
- As an organized woman, I want to be able to see updated rosters when any cancellation occurs
- As a considerate person, I want to be confident that another player can fill in a spot that I have withdrawn from
- As a busy woman, I need to be able to add myself to events at the last minute.
- As an adaptable person, I want to be able to add myself to events that have last minute cancellations.
- As a technological beginner, I want to be able to easily withdraw from an event.
- As a conscientious person, I want to be able to notify others about my event cancellation. _____

Matt's scenario: Creating a tournament

Matt wants to organize a **basketball tournament** with the different fraternities at his school. Fraternities will be able to enter multiple teams so everyone gets the chance to play. The matchups will be **randomized** to avoid any accusations of bias.

Matt goes on to his SportsLink app to create a tournament using the **tournament feature**. He also makes sure that everyone who wants to play joins the app so that **organization and communication** will be a lot easier.

Once the tournament is created, Matt can **set rules** for the games such as how long the games will go on for and a scoring system. Matt tells everyone who wants to organize a team to enter the app as a **team organizer** so they will have the ability to add and remove members from their team.

Matt, 21 scenario #1 User Stories:

- As someone who is competitive, I want the ability to create tournaments

- As someone who knows a lot of people, I want help with organization
- As someone who believes in fair play, I want the ability to set rules and randomize matchups
- As a casual athlete, I want to be able to join games with similarly skilled people
- As a competitive player, I want to be able to choose between casual and ranked games
- As a student, I want to be able to create matches around my and others schedules
- As a leader, I want to be able to organize events with as much flexibility as possible
- As a college student, I want to be able to specifically play with other college students at my university

Matt's scenario: finding a volleyball game

Matt always sees people playing volleyball at the beach, but can never find any friends that want to play. He wants to be able to **find a volleyball game** in his area to join so he can **meet new people** and **try out a sport** he usually does not play.

Matt goes on to his app and uses the **search feature** to see if he can find a casual volleyball game in his area. He finds a nearby game at a time that works for him and requests to join the game. The organizer adds him to the event and the players begin communicating with him using the **group chat feature**. Matt also uses the **coaching feature** to watch instructional volleyball videos so he can learn some skills before he plays.

Matt is happy that he was able to find a volleyball game in his area with people that he does not know so he can make new friends. He prefers using **SportsLink** so he does not have to go up to random people and ask if they know anyone who wants to play volleyball.

Matt, 21 scenario #2 User Stories:

- As someone who likes meeting new people, I want the ability to find open sports events
- As someone who does not want to travel far, I want to make sure that the events I see are nearby
- As someone who likes to communicate, I want the ability to have a groupchat for an event that I am joining
- As someone who likes trying new things, I want to be able to look for sports I have not played before
- As someone who is busy, I want to be able to search for events in time slot that works for me
- As a college student, I want to be able to find events nearby.
- As an experienced player, I want to be able to refine my search according to my level.
- As someone who likes to communicate, I want to be able to search for groupschats.

Matt's scenario: lacrosse coaching

Matt was very passionate about lacrosse in highschool and wants to **share this passion with others**. With school and fraternity activities, he does not have the ability to become a coach at a school because he does not have enough free time.

Matt goes on his **SportsLink** app and uses the **coaching feature** so he can upload instructional videos for people who are looking to **learn more** about the sport of lacrosse. He makes videos about the history of the sport and videos to teach people skills. He also sets up clinics so he can provide in person teaching.

He is very happy that **SportsLink** allows him to share his passion for lacrosse with other people who may be interested in the sport.

Matt, 21 scenario #2 User Stories:

- As someone who is very passionate about lacrosse, I want the ability to introduce the sport to others.
- As someone who like teaching others, I want the ability to organize other
- As someone who wants to spread lacrosse, I want the ability to post videos for everyone to see
- As a former lacrosse player, I want the ability to give back to my sport by helping others get better
- As someone that likes to play fair, I want to be able to have my games coached.
- As someone who has set up clinics before, I want to be able to create educational events.
- As someone looking to coach professionally, I want to be able to practice my skills.

Feature List –

Creating an event - MVP
Descriptions As a user, I want to be able to create an event by inputting information about the event. As a user, I want to specify information such as who I want to participate based on age groups, what the event is, when the event will take place, and where I plan to hold this event. As a user, I want to have as much flexibility as possible when creating an event to ensure it is as specific as I desire. Constraints Some sports may be too niche and finding a user base who would be interested might be difficult. Comments Based on Ava's and Julie's scenarios

Searching for an activity - MVP
Descriptions As a user, I want to be able to search for ongoing or scheduled activities to participate in. As a user, I want to be able to look through a list of events related to the inputted name . As a user, I want to be able to look at the time, location, and description of events in a list that are related to my search. Constraints

It may be difficult to find some smaller sports readily available depending on other users' knowledge or experience.

Comments

Based on Ava's and Julie's scenarios

Filtering preferences - MVP

Descriptions

As a user, I want to filter events based on age, gender, date, etc...

As a user, I want to be able to narrow down my search field based on information I input about my preferences

As a user, I want to see a list of events that satisfy all my filters.

Constraints

Not all possible filter options may be shown and some may need to be added depending on the user's decisions

Comments

Based on Ava's and Julie's Scenarios

User profiles - MVP

Descriptions

As a user, I want to create a profile with information such as name, email, username, etc... that is used for authentication and security purposes

As a user, I want to be prompted to log in or create a profile when using the app

As a user, I want to have access to a user profile where I can keep track of events and interact within the app.

Constraints

Security and protection issues may arise since this information is personal.

A reliable log-in system is needed to ensure the privacy of all users.

Comments

Based on Ava's and Julie's Scenarios

Roster**Descriptions**

As a user, I want to be able to choose an event and see a list of players who are planning to participate.

As a user, I want to be able to view updated rosters whenever there is a change.

As a user, I want to be able to view all player lists for past, present, and future games.

Constraints

There may be some security risks associated with having a roster so access should be limited to only verified users with accounts.

Comments

Based on Ava's and Julie's Scenarios

Reporting**Descriptions**

As a user, I want to be able to file a report against users exhibiting inappropriate behavior.

As a user, I want to be able to expose malicious users who are making trouble for other users.

As a user, I want to know what actions are taken against any malicious users.

Constraints

Users may misuse this feature so it will have to be monitored in some way.

All file reports may need to go through a screening process before any action is taken.

Comments

Based on Ava's Scenarios

Feed**Descriptions**

As an indecisive person, I want to be able to scroll through various events to get a feel for what I might enjoy.

As someone familiar with social media, I want it to be easy for me to save an event to my list.

As an older adult, I want to meet and connect with people in my age group

Constraints

Feed could take up significant memory and time. Older users may not be in favor of feed.

Comments

Based on Ava and Julie's scenarios.

Cancel or Withdrawal**Descriptions**

As someone concerned about safety, I need to be able to cancel my RSVP if I feel unsafe

As a busy woman, I need to be able to withdraw from events.

As a technological beginner, I want to be able to easily withdraw from an event.

Constraints

Withdrawals may end up in canceled events or uneven teams depending on how many were signed up.

Comments

Based on Ava and Julie's scenarios.

Tournament creation**Descriptions**

As someone who is competitive I want the ability to create and join tournaments.

As someone who has trouble with organization I want help with organizing tournaments I created.

As someone who wants games to be fair, I want the ability to randomize the way the bracket is set up and set rules for each game.

Constraints

Withdrawals may mess up the organization of the tournaments.

Comments

Based on Matt's scenario

Ranked vs. Casual**Descriptions**

As an inexperienced player, I want to be able to play with others that are less competitive.

As a beginner, I want to play with people in a similar skill group

As a former athlete, I want to have an option available for a competitive environment

Constraints**Comments**

Based on Ava, Julie, and Matt's Scenarios

Coaching
Descriptions As someone who wants to improve my skills I would like the app to have a section for tutorial videos for different sports As someone who is very passionate about sports I would like the ability to upload instructional videos about a sport As someone who likes teaching about sports, I want the ability to organize clinics Constraints Users may want instructional videos for a certain sport that are not there. It is up to other users to upload instructional videos Comments Based on Matt's scenario

APPENDIX-----INTERVIEW TEMPLATE

General Questions to ask interviewees:

- Would you be more likely to participate in local group sports if there were an app that makes it easier to do so?
- Would you be likely to try new sports or activities that you haven't tried before?

Feature Specific Questions:

- How do we make this app more accessible to you as a user? (**Accommodations**)
- What features would allow this app to accommodate target audiences, for example parents, athletes, students, the elderly, etc...
- Are there any sports or activities you would like to see included on the app?
- Would you be likely to participate in a ranking system where you can win points and level up, or would you be more interested in just the functionality of the app?
- Would you be a fan of the randomized team generator or is it important for you to be able to play with people you know?
- Would you like an option for a coaching section on the app?
- Would you like an option to flag users on the app for inappropriate language in the chat room OR bad sportsmanship?
- Would you like an option for tournaments on the app where you can be ranked and play?
- In a situation where someone has to miss an event, what would you like to happen?
- Would you like the option to set up a league/group who you consistently play with?
- Would you like the option to rent equipment through the app as well?
- Would you like the option of requesting to add a sport you don't see on the list?
- Would you like this app to be on a web browser as well?
- What should the minimum age limit for the app be?

Current Feature List:

1. Users can select a sport and be placed into a game/team
 2. Users can select easy, medium, hard, or any difficulty
 3. Users can select mens, womens, and coed teams
 4. Users can get ranked and level up as they play and win games
 5. Users can set up tournaments
 6. Chatroom and community forum
 7. Flag cases of bad sportsmanship
 8. Calendar for match dates
 9. Adding sports to the list if they are missing
 10. Option to set up a group to consistently play with
 11. Option for randomized teams
 12. Option to rent equipment for certain sports when necessary
 13. Web and mobile app options
 14. Possible coaching option for certain sports
- Is there anything else that you, as a potential user, would like to see added onto this app.
 - Would you be likely to participate in an e-games feature?

- Do you have any comments, questions or concerns?

Interview 1 (Age 21):

General Questions to ask Interviewees:

- Would you be more likely to participate in local group sports if there were an app that makes it easier to do so?
 - YES
- Would you be likely to try new sports or activities that you haven't tried before?
 - Yes

Feature Specific Questions:

- How do we make this app more accessible to you as a user?
 - Access through mobile devices
- What features would allow this app to accommodate target audiences, for example parents, athletes, students, the elderly, etc...
 - Making on the web because personally my grandparents understand how to use search browsers but not mobile apps
 - Reaching out to nursing homes to include more elderly audiences
- Are there any sports or activities you would like to see included on the app?
 - Ping-Pong, Cricket
- Would you be likely to participate in a ranking system where you can win points and level up, or would you be more interested in just the functionality of the app?
 - Functionality, but an option to choose would be a good feature
- Would you be a fan of the randomized team generator or is it important for you to be able to play with people you know?
 - Mostly play with people I know but having an option to do random teams is good
- Would you like an option for a coaching section on the app?
 - Yes
- Would you like an option to flag users on the app for inappropriate language in the chat room OR bad sportsmanship?
 - Yes, I think that's an excellent idea
- Would you like an option for tournaments on the app where you can be ranked and play?
 - Yes
- In a situation where someone has to miss an event, what would you like to happen?
 - The app would reach out to other users to see if someone else would be able to fill in that time slot
- Would you like the option to set up a league/group who you consistently play with?
 - Yes
- Would you like the option to rent equipment through the app as well?
 - Yes, I don't have any sports equipment
- Would you like the option of requesting to add a sport you don't see on the list?
 - Yes
- Would you like this app to be on a web browser as well?
 - Yes, for the elderly
- What should the minimum age limit for the app be?
 - 18
- Is there anything else that you, as a potential user, would like to see added onto this app.
 - No but I will be thinking about it
- Do you have any comments, questions or concerns regarding this app?
 - No

Interview 2 (Age 70+):

General Questions to ask Interviewees:

- Would you be more likely to participate in local group sports if there were an app that makes it easier to do so?
 - Oh Yes!
- Would you be likely to try new sports or activities that you haven't tried before?
 - I would love to try!

Feature Specific Questions:

- How do we make this app more accessible to you as a user?
 - Apple App Stores because I have iPhone
- What features would allow this app to accommodate target audiences, for example parents, athletes, students, the elderly, etc...
 - Separate section for athletes since average people may not compete well against athletes
- Are there any sports or activities you would like to see included on the app?
 - Badminton, ping pong, racquetball, pickleball
- Would you be likely to participate in a ranking system where you can win points and level up, or would you be more interested in just the functionality of the app?
 - Mostly not interested in ranking system and use it mostly to meet people and play sports for fun
- Would you be a fan of the randomized team generator or is it important for you to be able to play with people you know?
 - Random team to help make new friends, playing with the same people means people wouldn't go out of their way to meet new people
- Would you like an option for a coaching section on the app?
 - YES, i would love to have a coach because i'm not good at some sports
- Would you like an option to flag users on the app for inappropriate language in the chat room OR bad sportsmanship?
 - Yes, i don't like mean people
- Would you like an option for tournaments on the app where you can be ranked and play?
 - I would love that
- In a situation where someone has to miss an event, what would you like to happen?
 - App or the specific person could ask someone else to fit in the time slot
- Would you like the option to set up a league/group who you consistently play with?
 - Yes, that would be good as an option
- Would you like the option to rent equipment through the app as well?
 - Yeah, for certain sports
- Would you like the option of requesting to add a sport you don't see on the list?
 - Yes some sports are region specific and some are better for certain age groups.
- Would you like this app to be on a web browser as well?
 - Yes some people do not have mobile devices.
- What should the minimum age limit for the app be?
 - Not 15, 18
- Is there anything else that you, as a potential user, would like to see added onto this app.
 - Be able to sign up as a coach to help others learn
 - Feedback/Review for each match
- Would you be likely to participate in an e-games feature?
 - No, maybe my grandkids though
- Do you have any comments, questions or concerns?
 - I think this is the best thing!

Interview 3 (Age 40-50):

General Questions to ask Interviewees:

- Would you be more likely to participate in local group sports if there were an app that makes it easier to do so?
 - Yes
- Would you be likely to try new sports or activities that you haven't tried before?
 - Yes

Feature Specific Questions:

- How do we make this app more accessible to you as a user?
 - If it is a mobile app it will be easier to access
- What features would allow this app to accommodate target audiences, for example parents, athletes, students, the elderly, etc...
 -
- Are there any sports or activities you would like to see included on the app?
 - carrom board, Pool, volleyball
- Would you be likely to participate in a ranking system where you can win points and level up, or would you be more interested in just the functionality of the app?
 - It depends on the sport, but having an option to choose between ranked or unranked would be good
- Would you be a fan of the randomized team generator or is it important for you to be able to play with people you know?
 - Both, some sports where I know other people would be better if I could choose the team, but for other sports I would like a random team assignment
- Would you like an option for a coaching section on the app?
 - No, I feel like this app is more for playing with others, and learning by practice, not really for solo lessons.
- Would you like an option to flag users on the app for inappropriate language in the chat room OR bad sportsmanship?
 - Yes, I feel like for most community type apps there are always some rude users so having a way to report this behaviour is beneficial
- Would you like an option for tournaments on the app where you can be ranked and play?
 - Yes but as an option depending on the sport
- In a situation where someone has to miss an event, what would you like to happen?
 - The app would send out alerts telling other players that someone is missing an event, and the app would find a replacement for that time slot
- Would you like the option to set up a league/group who you consistently play with?
 - Yes, for sports that I already have a group with it would be fun to play together but again it should be an option
- Would you like the option to rent equipment through the app as well?
 - Yes, some smaller sports may require certain equipment that is not readily available
- Would you like the option of requesting to add a sport you don't see on the list?
 - Yes, some smaller sports may need to be added
- Would you like this app to be on a web browser as well?
 - Yes but I would most likely only use the mobile version
- What should the minimum age limit for the app be?
 - 18+
- Is there anything else that you, as a potential user, would like to see added onto this app.
 - No

- Would you be likely to participate in an e-games feature?
 - No
- Do you have any comments, questions or concerns?
 - No

Interview 4 (Age 25):

General Questions to ask interviewees:

- Would you be more likely to participate in local group sports if there were an app that makes it easier to do so?
 - Probably yeah, I would play kickball or something
- Would you be likely to try new sports or activities that you haven't tried before?
 - Probably, if I knew other people that were gonna do it

Feature Specific Questions:

- How do we make this app more accessible to you as a user?
 - If it were an app or a facebook group
- What features would allow this app to accommodate target audiences, for example parents, athletes, students, the elderly, etc...
 - Easy to play activities for elderly people or kids
- Are there any sports or activities you would like to see included on the app?
 - Kickball, dog walking, mall walking, t-ball, soccer
- Would you be likely to participate in a ranking system where you can win points and level up, or would you be more interested in just the functionality of the app?
 - Probably just the functionality
- Would you be a fan of the randomized team generator or is it important for you to be able to play with people you know?
 - I think it's a good idea to randomize or have an option to add friends
- Would you like an option for a coaching section on the app?
 - Yes that would be cool!
- Would you like an option to flag users on the app for inappropriate language in the chat room OR bad sportsmanship?
 - Yes
- Would you like an option for tournaments on the app where you can be ranked and play?
 - Yeah that would be pretty cool
- In a situation where someone has to miss an event, what would you like to happen?
 - Send a notification to other people interested
- Would you like the option to set up a league/group who you consistently play with?
 - Yes
- Would you like the option to rent equipment through the app as well?
 - Yes
- Would you like the option of requesting to add a sport you don't see on the list?
 - Yes
- Would you like this app to be on a web browser as well?
 - Personally I would use it as an app but it might be nice for older people
- What should the minimum age limit for the app be?
 - 16 and up
- Is there anything else that you, as a potential user, would like to see added onto this app.
 - A feature that allows you to send your location to a contact for safety reasons or the ability to report suspicious activity. If a person gets enough reports they can be blocked from the app.
 - I would also want to use the app to find people to meet with me so that I don't have to walk my dog alone at night.
 - A moderator feature
- Would you be likely to utilize features that support e-games?

- No I don't think so
- Do you have any comments, questions or concerns?
 - No

Interview 5 (Age 21):

General Questions to ask Interviewees:

- Would you be more likely to participate in local group sports if there were an app that makes it easier to do so?
 - Yes I would.
- Would you be likely to try new sports or activities that you haven't tried before?
 - Yes.

Feature Specific Questions:

- How do we make this app more accessible to you as a user? (**Accommodations**)
 - Make it free to use.
- What features would allow this app to accommodate target audiences, for example parents, athletes, students, the elderly, etc...
 - Use language that everyone understands, avoid using sports lingo that some people might not know about. Also make the app user friendly.
- Are there any sports or activities you would like to see included on the app?
 - Badminton.
- Would you be likely to participate in a ranking system where you can win points and level up, or would you be more interested in just the functionality of the app?
 - A ranking system would be cool if you could also build a team and rank up as a team too.
- Would you be a fan of the randomized team generator or is it important for you to be able to play with people you know?
 - Both are good options but I really like the idea of randomized teams because it allows people to make friends.
- Would you like an option for a coaching section on the app?
 - Yes, short videos and tutorials would be good.
- Would you like an option to flag users on the app for inappropriate language in the chat room OR bad sportsmanship?
 - Yes.
- Would you like an option for tournaments on the app where you can be ranked and play?
 - Yes, tournaments are a great idea because they are hard to organize without any help..
- In a situation where someone has to miss an event, what would you like to happen?
 - There could be a feature to bring people in short notice. Maybe an alert could be sent.
- Would you like the option to set up a league/group who you consistently play with?
 - Yes, there could be league and team group chats so everyone can communicate.
- Would you like the option to rent equipment through the app as well?
 - Sure.
- Would you like the option of requesting to add a sport you don't see on the list?
 - Yes.
- Would you like this app to be on a web browser as well?
 - Yeah because it makes it more accessible.
- Would you be likely to participate in an e-games feature?
 - Maybe

Software Engineering Assignment 2

CS400-01

Software Design and Development

Fall 2021

- What should the minimum age limit for the app be?
 - 18 but maybe there could also be a kids version.