User Stories

Format

A user story must be created for every functional and non-functional requirement. This is very tedious but allows us to find and determine if a function is necessary or can be removed from the project.

To do this we want to follow this pattern of user story "As a [**stakeholder**], I want to [**function**] so that I can perform [**action**]". This format does not need to follow the example; however, it is important to list the stakeholder, function, and action clearly in the story as these are the most important details.

When numbering a user story, we want to follow a specific numbering sequence: "U-E1". The U is for User Story while E stands for the type of stakeholder. The type of stakeholders include:

- E: End user
- A: Admin
- N: Non-Functional Requirements

End User

These are stories for people who are registered to the site.

Story ID	User Story	User Acceptance Criteria	Approved	Priority	Documentation	Unit Tests	User Acceptance Test	Status
U-E001	As an **End User**, I want to **register** so I can **sign up** for tournaments.		Yes	High				
U-E002	As an **End User**, I want to **login** so I can **participate** in games.		Yes	High				
U-E003	As an **End User**, I want to **reset** my password if I **forget my password.**		Yes	High				
U-E004	As an **End User**, I want to **view personal details** so I can **change** them when necessary.		Yes	High				
U-E005	As an **End User**, I want **to view my history** of matches so I can analyze my games.		Yes	Med				
U-E006	As an **End User**, I want to **log out of the system** securely, so that my account stays protected and not		Yes	High				

	accessible to unauthorized users.							
U-E007	As an **End User**, I want to **change the email** of my account so that I can keep my account information up to date.		Yes	Low				
U-E008	As an **End User**, I want to be able **to change my password while logged in**, so that I can keep my account secure and protect my personal information.		Yes	Med				
U-E009	As an **End User**, I want to be able to **change my profile picture**, so that I can personalize my account and keep my identity updated.		Yes	Low				
U-E010	As an **End User**, I want to **modify my account settings,** so that I can change my data and my		Yes	Med				

	account according to my preferences.				Med				
U-E011	As an **End User**, I want to access **detailed information** about the tournament, so I can understand the relevant details before deciding to join the tournament.		Yes		Med				
U-E012	As an **End User**, I want to **spectate ongoing games**, so I can observe gameplay and learn strategies.		Yes		High				
U-E013	As an **End User**, I want to access information about **later scheduled** tournaments, so I can participate and prepare for it.		Yes		Low				
U-E014	As an **End User**, I want to access information about **previous tournaments**, so I can review past tournament results.		Yes		Low				

U-E015	As an **End User**, I want to **view the tournament bracket**, so I can track the progress and visualize the match ups in the tournament.		Yes	High				
U-E016	As an **End User**, I want to **select an available tournament,** so I can register and participate in the tournament of my choice.		Yes	High				
U-E017	As an **End User** who is interested in a specific format, I want **to filter** to show only tournaments with the specific format.		Yes	Low				
U-E018	As an **End User**, I want to filter the list of **tournaments by date**, so I can easily find and select tournaments that fit my schedule.		Yes	High				
U-E019	As an **End User**, I want to search for		Yes	Low				

	tournaments by name, so I can quickly locate and join specific tournaments that I know of.							
U-E020	As an **End User**, I want to see the **upcoming tournaments** on the home page of the website, so I can quickly discover and plan for them.		Yes	High				
U-E021	As an **End User**, I want to view **ongoing tournaments** on the home page of the website, so I can quickly spectate the tournament matches.		Yes	High				
U-E022	As an **End User** who is new to the website, I want to **learn more** about the tournaments, so I can understand how to navigate through the website better.		Yes	Low				

U-E023	As an **End User** that is interested in the competitive site of quantum chess, I want to see a **leaderboard** of the top players on the home page, so I can track the performance of the top players and analyze their games.		Yes	High				
U-E024	As an **End User,** I want to have an option to **view more** players on a separate page, so I can get detailed information about people, their ranking, and performance.		Yes	Med				
U-E025	As an **End User** who is logged in, I want to view a list of my **upcoming matches** on the home page, so that I can quickly plan for them in my schedule.		Yes	Med				
U-E026	As an **End User** who is logged in, I want		Yes	High				

	to see my **own match history** on the profile page, so I can quickly further review the details of my recent games.						
U-E027	As an **End User** who is navigating, I want to have a "**Home**" option in the navbar, so I can easily return to the main page of the website from every other page.		Yes	High			
U-E028	As an **End User** who is interested in joining a tournament, I want to have a "**Search**" option in the navbar, so I can easily access a list of tournaments available to join.		Yes	Low			
U-E029	As an **End User** who is not currently logged into the website, I want to have a "**Login**" option in the navbar, so I can		Yes	High			

	sign in with my own account.			Yes				
U-E030	As an **End User** who want to change their profile name, I want to easily access the **profile** managing in the navbar, so I can easily update my profile information.			Yes				
U-E031	As an **End User**, I want to make **moves** during the game so I can strategically position my pieces and make progress towards winning the game.			Yes				
U-E032	As an **End User**, I want to **communicate** with my opponent so I can express my politeness when my opponent makes a great move.			yes				
U-E033	As an **End User**, I want to easily access relevant information about the tournament, so			Yes				

	I can stay informed about match schedule, possible upcoming opponents, and standings.							
U-E034	As an **End User**, I want to start a new game, so I can test my skills against other players and compete for potential prizes.		Yes					
U-E035*	As an **End User,** I want to enable Push Notification to my email whenever A tournament has started.		Yes	Low				
U-E036*	As an **End User,** I want to view other players' history, so that I can study their moves.		Yes	Med				
U-E037	As an End User, I want to challenge a user for a game, so that I try to climb higher in the leaderboards		Yes	High				
U-E038	As an End User, I want to accept a		Yes	High				

	challenge, so that I can continue playing in the tournament							

* - Potential feature (nice to have); May not be implemented.

Admin

These are stories related to administration.

Story ID	User Story	User Acceptance Criteria	Approved	Priority	Status
U-A001	As an **Admin,** I want to **create a tournament,** so that players can play games and compete.		Yes		
U-A002	As an **Admin,** I want to **edit a tournament,** so that if something needs to be changed when a mistake was made, or details are changed that is possible.		Yes		
U-A003	As an **Admin,** I want to **view a tournament,** to know what is going on and have an overview.		Yes		
U-A004	As an **Admin,** I want to **view all tournaments,** so I can have an overview of all past, present, and future tournaments		Yes		
U-A005	As an **Admin,** I want to **delete a tournament,** when there is no interaction with the tournament, or it was cancelled.		Yes		

U-A006	As an **Admin,** I want to **view all users,** so I have an overview of all the users of the game.		Yes		
U-A007	As an **Admin,** I want to **view a user,** so I know what users my application has and who the user is.		Yes		
U-A008	As an **Admin,** I want to **accept a user,** when a user applies to be part of the tournaments, I want to check them and accept if I know them.		Yes		
U-A009	As an **Admin,** I want to **add a user,** to extend the number of users of the game.		Yes		
U-A010	As an **Admin,** I want to **edit a user,** to help them change their details.		Yes		
U-A011	As an **Admin,** I want to **edit activity on a user,** when a user acted inappropriately or is no longer playing, I want to be able to put their account on inactive.		Yes		
U-A012	As an **Admin,** I want to **oversee complaints/reports,** so I can improve the game		Yes		

	and make it fun for everyone.				
U-A013	As an **Admin,** I want to **make announcements,** for example for awards/prizes or to inform the players of important details.		Yes		
U-A014	As an **Admin**, I want to have a o overview page when I log in so that I can quickly navigate through the application				

Non-Functional Requirements

These are stories for all the non-functional requirements. These focus mostly on documents. Think about what the client wants in the sense of why you did certain things.

Story ID	User Story	Approved	Prioritize
U-N001	As a **stakeholder**, I want to get a **visual prototype of the application** so that I may **have a better overview** of how the system will look like.	Yes	
U-N002	As a **stakeholder**, I want to have a **project plan** to clearly outline how the **work of the product** is going to be done so that I have clarity throughout the development process.	Yes	
U-N003	As the **system**, I want to provide **security**, so that the end user's data does not get **misused**.	Yes	
U-N004	As a **stakeholder**, I want to use tools that have life-long support, so that the application will be secure overtime.	Yes	
U-N005	As a **stakeholder**, I want to have clear ground of **coding guidelines** within the team, so that there is consistency which increases maintainability.	Yes	
U-N006	As an **End User,** I want quick response time, to have a smooth experience.	Yes	
U-N007	As a **developer,** I want to have **wireframes**, so the stakeholder knows what to expect and the design stays the same even with multiple front-end developers.	Yes	
U-N008	As a **developer,** I want to have a **C4 diagram,** so that I know what the infrastructure is going to be, and my team has the same expectation.	Yes	
U-N009	As a **developer,** I want to have a **UML diagram**, so that when we work with multiple back-end developers we all know what the infrastructure is going to be.	Yes	
U-N010	As a **developer,** I want to have a **database design,** so that it helps me, and the team get a better overview of what I need to create.	Yes	

U-N011	As a **developer,** I want to have **user stories,** so we know what we need to do for the project and can have a clear overview.	Yes	
U-N012	As a **developer**, I want a single-entry point that redirects to the needed service, so that the application will be open for extend.		
U-N013	As a **stakeholder**, I want to have a clear overview of the important aspects of the application, so that there is guidance in on the important aspects.		
U-N014	As a **stakeholder**, I want to have **Security Design Report**, so that the developers are aware of the vulnerabilities that needs to be prevented.		
U-N015	As a stakeholder, I want to have a document detailing the cost of different environments, so that there is decisiveness in choosing the right one.		
U-N016	As a stakeholder, I want to have knowledge around law to work with data, so that the website will operate on legal terms.		
U-N017	As a stakeholder, I want to know what can be deployed on the cloud, so that the application will be more flexible.		
U-N018	As a stakeholder, I want to know how the application will be user friendly, so that users can easily navigate through the application		
U-N019	As a **stakeholder**, I want to test the application when a new release has been made, to know if the application flow is correct.		
U-N020	As a **stakeholder**, I want to have a hand-over document, so that new developers can quickly continue the project		
U-N021	As a **stakeholder**, I want to have a completely working solution of the functions that are agreed upon, so that the next developers have a clear view on what is happening in the app.		

Test plan,