**Initial Product Backlog:**

(The tasks are arranged by priority, estimated time is also included)

<https://hristoganchev.atlassian.net/jira/software/projects/TKP/boards/1>

**User Stories:**

(The user stories are arranged by priority)

1. As a user, I want to see all concerts in one place, so that I have a wide selection of different concerts of different genres available. (Estimated Time: 2 Days)

* A “concerts” page should be created
* The possibility of adding concerts should be implemented

1. As an administrator, I want to have all of my users passwords hashed, so that in case of a data leak their personal information will not be available to the public. (Estimated Time: 2 Days)

* An algorithm for hashing, storing and retrieving passwords should be implemented.
* Passwords must NOT be stored explicitly.

1. As a user, I want to pay for tickets online, so that I can quickly obtain the tickets I desire. (Estimated Time: 2 Days)

* A “checkout” page should be created.

1. As an administrator, I want to notify all ticketholders for a concert that has an updated date or place, so that they keep in mind that the concert has been rescheduled or moved to another venue. (Estimated Time: 4 Days)

* After a concert is updated, all of the tickets for the concert should also be updated.
* Notification system must be implemented in order to complete the user story.
* Users should be notified about the update, depending on the updated criteria.

1. As a user, I want to be able to see all of my tickets for a specific concert in one place, so that it is easier for me and my friends to show them at the entrance of the venue. (Estimated Time: 3 Days)

* A tickets order should be made
* The possibility to generate QR codes based on ticket ID should be implemented

1. As an administrator, I want to be able to see all the orders made from all users, so that I can see details of every order and help in case something is wrong with the order. (Estimated Time: 1 Day)

* An “orders” page should be implemented
* A method to retrieve all orders made should be created

1. As a user, I want to get notified when there is a limited amount of tickets for a concert I am viewing, so that I know whether I need to act fast to buy tickets or not. (Estimated Time: 3 Days)

* A notification system should be created
* A method that detects if the tickets are below a specific quantity must be implemented

1. As an administrator, I want to have a limit to the tickets bought from one account, so that people will not be able to resell them at a much higher price. (Estimated Time: 3 Days)

* A limit to the tickets selected should be developed

1. As a user, I want to be able to search for specific genres, cities or artists, so that I know whether an artist I might like is performing in my area. (Estimated Time: 2 Days)

* A filtering system has to be created

1. As a user, I want to see all of my previous orders, so that I know which concerts exactly I have been to. (Estimated Time: 2 Days)

* Both previous and upcoming orders must be stored (in different sections)

1. As a user/administrator, I want to be able to see statistics for concerts, genres and artists so that I know what is most popular at that time. (Estimated Time: 2 Days)

* Users should be asked what information they would exactly like to see.
* Diagrams that display the desired information should be implemented