

PROJECT VISION

INTRODUCTION

In 21st century the role of the Internet and networks in a daily life of common inhabitant is enormously huge. Most of human daily needs can be fulfilled without direct face-to-face contact with supplier – remotely. The world-wide market is now accessible for anyone. Hence, a communication between wide groups of people became possible. Community is not now restricted by physical factors, as distance, neighbourhood, social circles.

What all stated above means to us? The simplicity of solving many of important problems that were impossible or difficult before. One of this is possibility to find a person through all you neighbours and even city inhabitants who owns an important thing for you and just rent it, exchange, borrow, etc.

Imagine, you are a common European suburb resident, you have a pretty house and a small lawn. The grass grows fast and you need to trim it to keep your lawn nice and fresh. Then you need a grass cutter. But you don't own it. Hire a cutter is too expensive and doesn't pay off. The real grass-cutter costs even more, and you'd better keep this money for something else.

Then you neighbour is entering the game. Does he own a lawn-mower or does he want to share it with you? Maybe he's not, maybe you are not in very good relationships, maybe you just do not want to bother you neighbours.

Or if you are a party-guy, organizing a huge party in your place. What is the key to a good party except a drink? Definitely a music! The best is to have a good audio-system or at least powerful speakers. You don't have it, you don't have money to buy it, because you are a student, or you need them just this only time.

And what if you have a passion to music and dream to became a musician, or you still in doubt if you are enough talented to play, so buying a good instrument (which is very expensive) is not a option for you, and bad low-end instrument will give you same awful experience.

We have a solution for all these problems and our project is designed to help you.

We provide a web platform which gives to you a chance to find what you need in very this moment among other people of your city, town or village. And rent it! You just opening our website, searching for a grass-cutter, speakers, guitar or anything else and find people that own it and want to lend you. We will help you to contact the owners, you'll grab you things and be happy. And also, you can help your community by lending you stuff to others.

But let's make a detail look on the topic.

GOAL

We all are familiar with a great number of e-commerce companies, such as eBay, Amazon, AliExpress and so on. They allow us to buy new or even used goods from stores or other users. The fact is, that the result of a deal is changing ownership of good from seller to buyer in exchange of money. You became full and forever owner of the thing you bought.

But there are still a lot of things, that have small period of usage and high purchase costs. We made a couple examples above: lawn-mower, which you use one time a week or a month, specific instrument, as a drill or shovel, maybe even a car.

You don't need these things in your home, but you need them sometimes. Humanity created a way to please you – it called renting.

The renting is a deal, in which you pay less money to owner of a good for short-term or long-term usage of this good. The problem is, that renting doesn't dominate on market. You can buy everything you want, but you can't rent this.

One of the reasons is that customer deals mostly with business: stores, private entrepreneurs. Their goals is to get rid of a product, sell it to you, not lend.

Our project gives a certain solution for the problem. Instead of looking for a rental good among the official distributors, we offer you to look for the same product among private owners in your town. They can be you neighbours, your friends, or anyone else.

The whole process takes action on our website, which allows you to look for rental goods from other users and post you own advertisement. We will help you to contact with owner of desired product and establish a way of renting. It can be a simple barter as "you rent me a good and I rent you another good" or paying certain amount of money in exchange.

Also, excluding a private owners, we will help you to find your good in specialized rental services.

MARKET

FACEBOOK / INSTAGRAM / ANY SOCIAL NETWORK

In most of social networks there is a huge number of groups of interests, or public announcements where any user can search what he needs or post his offer. Then you can contact owner/renter and make a deal.

A main disadvantage of social networks is high risk and low security. You can not fully trust your partner in deal, and you can easily become a victim of a fraud.

Our project makes sure that your deal is safe and secure and you deal with a real person. Also you can check a user score to know an average opinion about user.

OLX / ALLEGRO / SIMILAR ONLINE MARKETPLACE

These are platforms for buying and selling services and goods, often used ones. You can buy what you need for a lower price, but you don't get a warranty and assurance that good has no important defects. Also, the platform is focused on purchasing a good not renting, which can be significant for a user.

Our project is about renting, not purchasing.

SPECIALIZED RENTAL SERVICES

A lot of stores offer you a rent of different goods. The most popular are obviously cars, tools and instruments, there are real estates, clothes too. They guarantee secure service and quality of goods, but the price is higher, because of maintenance and advertising costs.

Our project is not specializing on any goods, so you can rent really anything, and what more, you can provide such service by yourself.

LOCAL COMMUNITY

Still, you can ask your friends and neighbours. But you are restricted with the borders of your community and this is not a good option for a introverts and people who just do not like to bother someone else.

Our project is not physically bounded, it provides for any user from any corner of a world. You can be fully anonymous analysing a market and contact with owner or renter only to make a deal.

USERS

Target group of RentAll are people of any age around the world who want to rent items to or from other people. They can act both like service providers (owners) or customers (renters). The scope of goods to rent is mainly an items for house and backyard, peripheral electronic devices, vehicles, tools and instruments, healthcare devices, touristic and sport equipment.

Global target group (for future development) also includes stores, which can cooperate with the platform and provide rental services as entrepreneurs (not private subjects).

Users need an access to internet on any device and browser.

System roles:

Guest – unregistered user, who has full “read” access to website content, such as posts (advertisements), user scores, discussions and etc. Guest is unable to create his own advertisement or make a deal.

Renter – registered user, who rents a good. He has full access to website content, like guest, but in addition he can make a deal with the owner (contact him, make money transfer, etc.) and has also rights to rate users, write a review or discuss item. Guest becomes a renter if he owns an account in the system

Owner – registered user, who provides a rental of good(s). Any user created his own advertisements becomes owner. Owner can upload media, describing his good (images, videos), create text descriptions, establish rental price, make deal, close his advertisement and has access to all content of platform. Owner can be a renter if he deals with another owner.

Moderator – administrator who checks a content of the website accordingly to the rules, acts as a judge in a dispute, provides a help for users.

Partner distributor – verified commercial distributor (store), acts as an owner, providing rent of chosen goods on a certain conditions (mostly as a commercial ads).

PRODUCT DESCRIPTION

The main idea is to create a platform in a form of website with light interface and easy navigation. A key functions are creating an advertisements (for owners) on the website, enriched with media and text description and searching through the website for these advertisements. Each advertisement is assigned to specific category, defined by developers, which allows to observe many advertisements of similar type goods.

Second important function is rating and reviewing users and advertisements, which helps to eliminate dishonest users and make deals more trustful, supported by reviews of previous renters.

Final part is making deal, which is possible through built-in chat.

A side feature is cooperation with official distributors (store). Through verified account they can offer renting of defined goods in similar way that common users do.

As a user, I want to search a good within a website.

As a user, I want to analyse the offer and make decision.

As an user, I want to report on incorrect behavior.

As a guest, I want to be able to create an account in the system.

As a renter/owner, I want to rate other users and make reviews.

As a renter/owner, I want to receive a message if desired good is available

As a renter, I want to contact the owner.

As a renter/owner, I want to trust my partner and assure a deal.

As a renter, I want to get a rental of proper quality.

As an owner, I want my data to be secure and hidden.

As an owner, I want to create an advertisement.

As an owner, I want to enrich my ad with media and text.

As an owner, I want my property to be returned in the same state at definite time.

As an owner, I want to get a payback for rental in definite amount.

As an owner, I want to verify renter.

As a renter, I want to pay do designated owner.

As a user I want to find an alternative if there is no offer suits to me.

As a moderator, I want to block or warn user about their behavior

As a moderator, I want tools to analyse user content

As a moderator, I want tools to support users within their content and change it (ex. Category)

SCOPE AND SCHEDULE

SUMMER SEMESTER

- Website with interface
- Creating an account
- Posting, searching, uploading media
- Simple deal concept implementation

WINTER SEMESTER

- Communication between users within platform
- Final concept of deals implementation
- External data