# Project Assignment

# for the

# [Teamwork Crouse @ SoftUni](https://softuni.bg/trainings/1799/practical-teamwork-sept-2017)

Design and implement a **Single-Page Application**, using JavaScript, a custom web server and tools

## Participants

Trello board - <https://trello.com/b/UVbqbPfA/auctionproject>

Marvel prototype - <https://marvelapp.com/3fj33j5>

GitHub - https://github.com/tanyta78/FinalProject2017

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**Technologies**

* **Back-End Web Framework** – create your own back-end, using a framework of your choice
* **Front-End JavaScript** – instant feedback to the user in an **interactive** web app
* **Structured Code** – split your code into modules and make use of **programming patterns**, such as MVC
* **HTML** & **CSS** – provide a UI for the user; **bootstrap** and other libraries are **optional**

## Project Scope and description

Web-based application for publishing personal auctions, bid and win auctions . Online auction however is a different business model where the items are sold through price bidding. Usually bidding have start price and ending time. Potential buyers in auction and the winner is the one who bids the item for highest price. For buying product online user have to provide his personal details like email address, license number etc. Only the valid user will have authority to bid. This prevents various frauds according in online shopping.

The web application is supposed to include two parts:

* Categorized catalog of different auctions with ability to view detailed information
* Administration interface for approving, editing and deleting of auction

Provide the following functionality to all visitors (without authentication):

* Browse categories of auction
* Advanced search (by category, price, location, etc.)
* View details about an auction (description, picture, ending time, start price, actual price, seller)
* Ability to join the bidding

In addition to the previous functionality, registered users can:

* Publish their own auction
* View contact information of other users
* Manage their profile

Authenticated administrators should be able to:

* Moderate auctions and comments
* Manage user profiles (ban users who post inappropriate messages)

We will implement **at least** the following **functionality**:

* User **registration**, **login** and **logout**
* All **CRUD** operation performed via **REST** or a similar service
* An **admin role**, able to modify other users’ profiles or data
* Persist information inside a **database**

## Team Organization

**Project manager**

**Source control** **GitHub**– each team member must commit regularly.

A **task management tool** **Trello**

## Deliverables

Your main deliverable is the **project repository** – commit to it the following:

* Complete **source code** of your project
* Units tests (**optional**)
* Documentation (**optional**)
* Design prototypes (**optional**)
* Links to other tools, used in the making of the project (Trello boards, etc.)