

YAAS Project : Report

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date

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Chapter 1

Introduction

1.1 Implemented requirements

The following list of requirements has been implemented :

- UC1: create user
- UC2: edit user
- UC3: create auction
- UC4: edit auction description
- UC6: bid
- UC5: Browse & Search
- UC10: concurrency
- WS1: Browse & Search API
- WS2: Bid api

1.2 Packages used

This YAAS application relies on the following packages :

- Django (2.1.1)
- django-crispy-forms (1.7.2)
- django-filter (2.0.0)
- djangorestframework (3.8.2)
- Markdown (3.0.1)

Chapter 2

Development strategies

2.1 Session management

2.2 Confirmation form (UC3)

UC3 states that the user should be asked for a confirmation before creating a new auction. I implemented it using the rendering of a confirmation form, containing all auction informations in hidden field. The first auction creation form is validated server-side : if all informations are correct, the confirmation form is shown with these informations. Only when this confirmation form is submitted the new auction is created and saved in database : thus if the user cancels the process or never submits the form the auction is not saved. This behaviour is described in the file `Auction/views.py`, in the functions `AuctionEditView::get`, `AuctionEditView::post` and `auctionConfirm`.

2.3 Automatic bid resolution

2.4 Concurrency management

2.5 REST API

2.6 Functional tests

2.7 Language switching management

2.8 Data generation