# Test Task

**Goal:**          Create a Task Management System.

**Requirements:**      Web should be built using React.js library.

Api should be built using Express.js framework + Sequelize ORM with PostgresQL or Mongoose ODM with MongoDB.

The application should be deployed on Heroku.

Use github to host the code.

# Features

**Authentication:**    User has next attributes:
- username
- email
- password
- confirmedAt

Attributes validation:
- username is unique and cannot be blank
- email is unique and cannot be blank
- password cannot be less than 6 characters

User should be able to:
- sign up
- sign in
- sign out
- confirm his email

**Tasks:**           Task has next attributes:
- title
- description
- isDone (false / true)
- priority
- dueDate

Attributes validation:
- title cannot be blank

- description cannot be blank
- priority is a number and cannot be blank
- dueDate cannot be blank

User should be able to:
- create a task
- edit task
- mark task as done
- unmark task as done
- archive or delete task

User can manage only his own tasks

Try to use Ajax wherever it is possible (e.g. create/edit/delete task), **minimum page reloads**

**Home page:**    Display list of tasks (completed and active) belonging to the current user. **Display only title.**

Above the list should be button "Create a task"

By clicking on this button show the modal with next content:
- Title (input)
- Description (textarea)
- Priority (input)
- Due Date (datepicker)
- Create button

The completed task should be with an inactive style or something like that.

The list of the tasks should be able to sort by:
- active first (default)
- completed first
- duration date
- priority

And mark/unmark all task as done

By mousing hover a particular task the **delete** and **edit** icons or text should appear next to the title

By clicking on **edit** show a modal like for creating a task but all inputs/textareas/date should be filled by task's data.

By clicking on **delete** just remove this task from the list.

**Task Details:**   By clicking on a particular task show modal with all details of this task:
- Title
- Description
- Priority
- Due Date

**UX/UI**   Use twitter [Bootstrap](#) for a nice UI or you can use your own design if you want.