# KRDS Technical Assessment

Build a personal TODO List application

## Objective

- Develop a web application for users to maintain their Todo List

- A simple to-do list will be having the following actions:

    - Add a new item to the list

    - Remove an item from the list

    - Mark an item as done

- The list should be sorted in recently added order

## Assessment Criteria

### Mandatory:

- Technology: Node JS & MySQL or MongoDB, you can use the free version of Mongo https://mlab.com/

- Simple but professional UI (CSS frameworks like Bootstrap are allowed)

- Clean database design

- Clean code should following common best practices (no hardcoded constants, config values, etc.)

- Use package managers for dependencies (NPM, etc.)

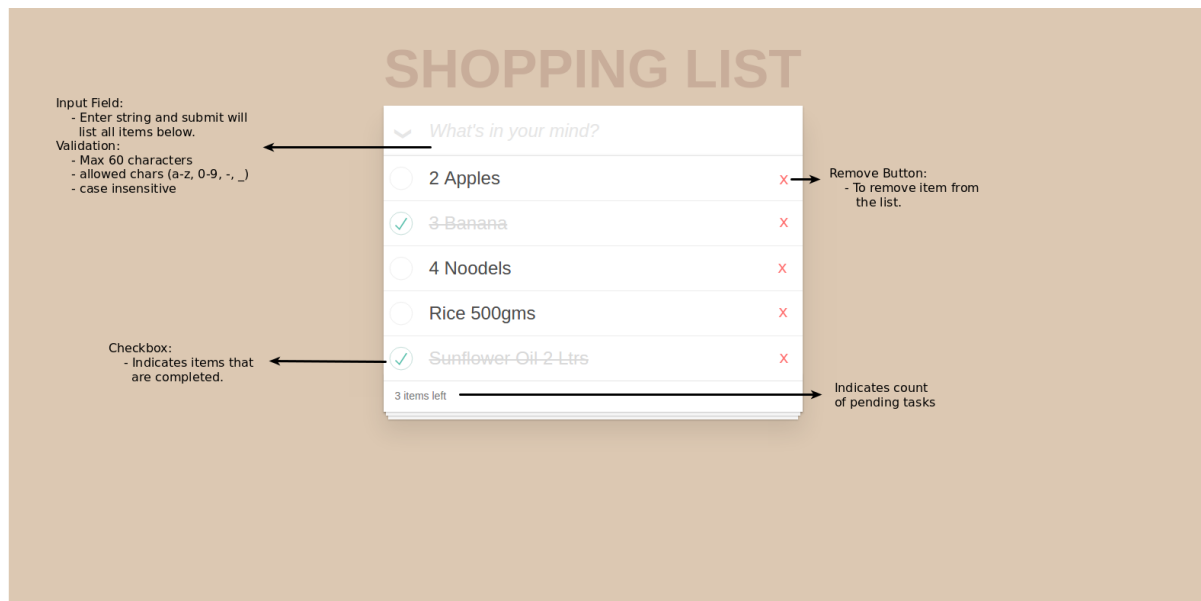- Code hosted on Github or Bitbucket (don't send us a Zip file)

### Bonus:

- Uses at least one social login - Facebook / Google / Twitter

- Create a Docker File for your app

- Deploy to a cloud platform or server for evaluation (E.g. Heroku, Digital Ocean)

# Wireframes

## Home Screen



- Input Field - Enter String and submit will list all items below.

- Validation

    - Max 100 characters

    - Allowed chars (a-z, A-Z, 0-9, - , _)

- Checkbox - Indicates items that are completed

- Remove Button - To remove the item from the list

- Items Left - Indicates the count of pending tasks