

# KRDS Technical Assessment

## Summary

1. Technology: **PHP & MySQL**
2. Objective:
  - Develop an web application for users to maintain their shopping list.
  - Only logged in user can have access to the app. Implement any 1 social login (Facebook / Google / Twitter)
  - A simple todo list will having the following actions
    - Add new item to the list
    - Remove any item from the list
    - Mark an item as done
  - The list should be sorted in recently added order.

**Tip:** More focus will be given on Backend(PHP & MySQL). Therefore a simple UI will suffice.

5. Time Allotment: **8 Hours**

## Technical Guideline

### Mandatory:

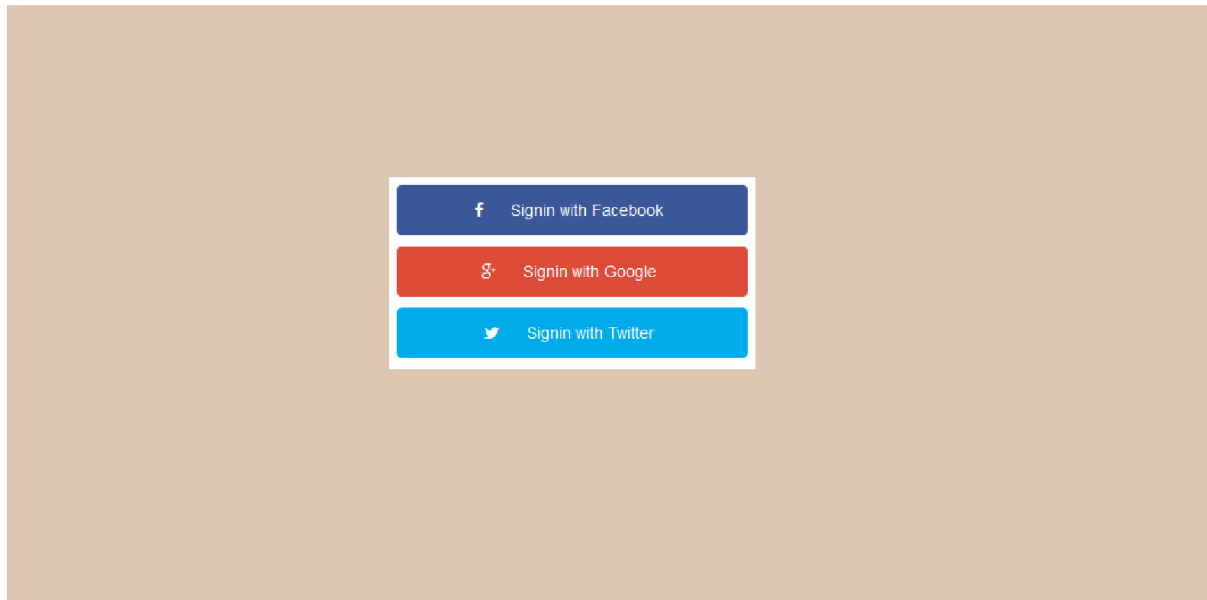
- a. Code to be developed using PHP & MySQL - **MVC architecture + OOPS coding structure**
- b. Design normalized database
- c. More focus will be give on BackEnd - **Less preferences for UI part**
- d. Strict coding standards to be followed - **Zend coding standard**
- e. Code should be optimized and best of breed logic to be used
- f. Avoid hard-codings - **Use constants / configs**
- g. Use any 1 social login - **Facebook / Google / Twitter**
- h. Use Package Managers for libraries - **package.json / bower.json / composer.json**

### Optional:

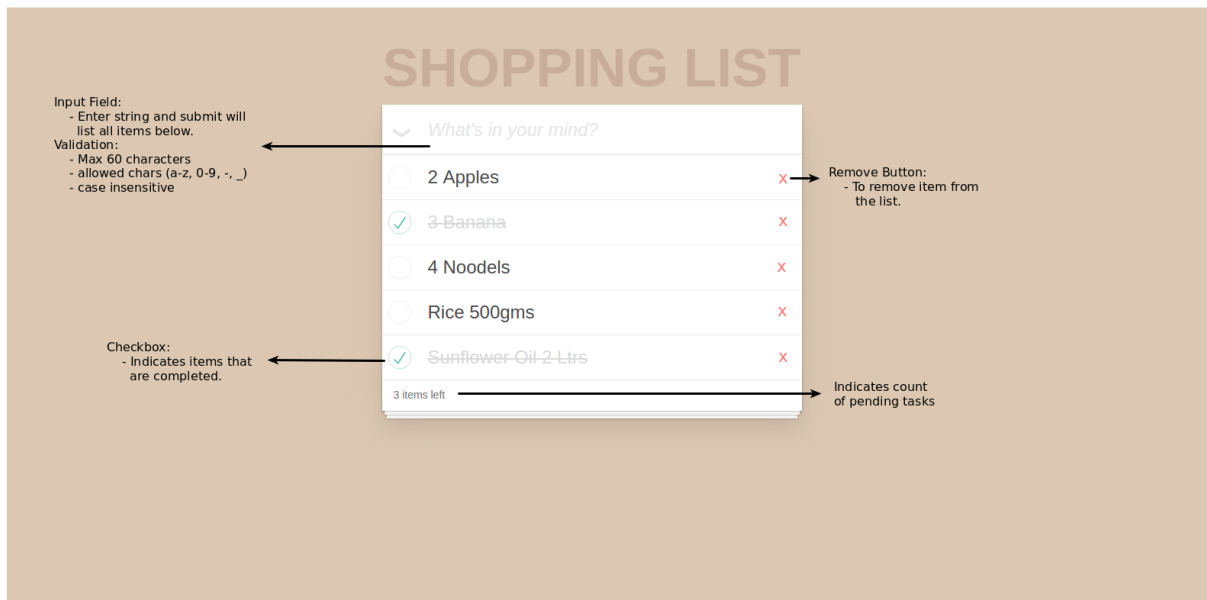
- a. Use Automations if possible - **grunt / gulp**
- b. Use [GIT](#) for versioning - **Commit your work for every 30min to 60min**
- c. Use [Heroku: Cloud Application Platform](#) to deploy your test and share the App - URL for review.

# WireFrame

## Login Screen



## Home Screen



- a. **Input Field** - Enter String and submit will list all items below.
- b. **Validation**
  - a. Max 60 characters
  - b. Allowed chars ( **a-z**, **0-9**, - , \_ )
  - c. Case insensitive
- c. **Checkbox** - Indicates items that are completed
- d. **Remove Button** - To remove item from the list
- e. **Items Left** - Indicates count of pending tasks