

# Simple Todo App

\*This is a link to a simple [Master-Detail template](#) without a Split View (NoSplit).

## MVP User Stories

### As a user, I want to view all todo items

- Create a Todo object which has the following properties:
  - title
  - todoDescription (note: a property cannot be named `description`, as that's [already in use](#))
  - priority number
  - is completed indicator
- Instantiate several Todo objects, and fill out their values with some tasks of your choice. Put them all into an array.
- Create a custom UITableViewCell subclass that displays the title, a one-line preview of the task description, the priority level, and strikethrough text of all other text if the task is completed. This will require you to implement the delegate and data source methods to display a cell for each todo item.

### As a user, I want to be able to view details on an item

- Add labels in the Detail view controller, and set their contents in the `setDetailItem:` method in the master view controller implementation

## As a user, I want to add a new item

- Notice how the master-detail template already included a button being added to the navigation item for the master view controller
- Create a modal view controller that displays text fields for the user to set todo item properties, and a done button that dismisses the modal view controller and adds that todo item to the item array

## As a user, I want to be able to cross off an item as completed simply by swiping

- Add a swipe gesture recognizer to your table view
- When the gesture fires, update your data model objects and rearrange your list

## As a user, I want to be able to delete an item

## As a user, I want to be able to rearrange items by dragging and dropping

- Add an Edit button to start editing move
- Implement `-tableView:moveRowAtIndexPath:toIndexPath:` and `-tableView:canMoveRowAtIndexPath:` delegate callbacks
- You should remember to update the order of items in your data source

## As a user, I want to be able to give a deadline to each todo item

- Add a deadline property to your data model (take a look at UIPickerView)

**As a user, I want to be able to group my todo items into two groups (completed tasks and outstanding tasks)**

**As a user, I want to be able to order my todo items by importance (priority) or by urgency (deadline)**

- Add a segmented control in the navigation bar for the master view to allow quick switch between grouping by importance or urgency of an item