



# QA: TODO PROJECT

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USAMA MALIK



# INTRO

# CONSULTANT JOURNEY

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JAVA

REINFORCEMENT  
OF KNOWN  
KNOWLEDGE



AGILE

READY FOR  
PROFESSIONAL  
ENVIRONMENT



MAVEN

PROJECT  
STRUCTURE &  
TESTING

# INSPIRATION

A form design for a shopping list. On the left, there are two input fields: 'Title' and 'Description', with a green 'Save' button below them. On the right, there is a table with three columns: 'Title', 'Description', and 'Delete'.

Title	Description	Delete
bread	from asda	
eggs	free range	
milk	semi skimmed	

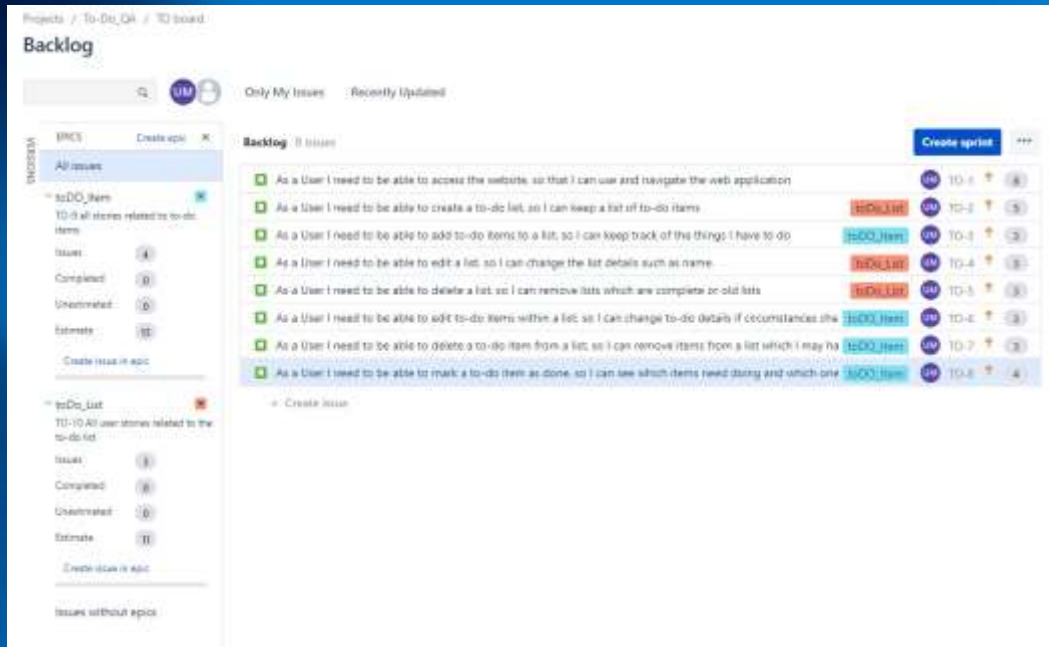
Three variations of a task list UI design. Each variation shows a 'Tasks' header and a list of tasks. The first variation has a 'New Task' input field and an 'Add +' button. The second variation has a 'New Task' input field and an 'Add +' button, with a list of tasks below. The third variation has a 'New Task' input field and an 'Add +' button, with a list of tasks below.

Tasks
my task one
my task two
my task

A task list UI design with a header bar and a list of tasks. Each task has a priority level (High, Medium, Low) and icons for edit and delete.

Task	Priority	Edit	Delete
Test multi-user	High		
Write setup article	High		
Write database article	High		
Write user interface article	High		
Write overview article	High		
Make screen captures	High		
Rant about conspiracy nuts	Medium		
Promote world peace	Low		
Restore truth and justice in politics	Low		

# PRELIMINARY WORK



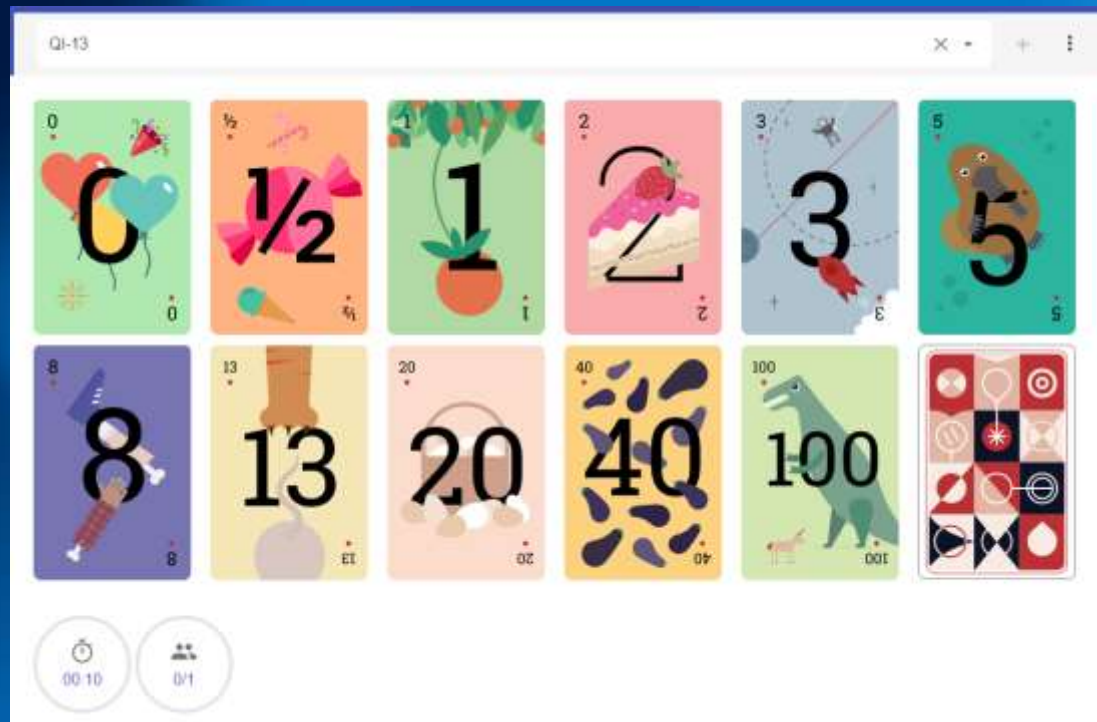
The screenshot displays the Jira Backlog interface for a project named 'To-Do List'. The interface is divided into several sections:

- Header:** Shows the project name 'To-Do List' and the view 'To-Do board'.
- Search and Filters:** Includes a search bar and filters for 'Only My Issues' and 'Recently Updated'.
- Left Sidebar:** Contains a 'Backlog' section with a 'Create epic' button and a list of issues. Below this is a 'To-Do List' section with a 'Create issue in epic' button and a list of issues.
- Main Content Area:** Displays a list of issues under the heading 'Backlog 8 issues'. Each issue is represented by a card with a green status icon, a description, a label (e.g., 'To-Do Item', 'To-Do List'), a priority (e.g., 'High', 'Medium'), and a due date (e.g., 'TO-1', 'TO-2').

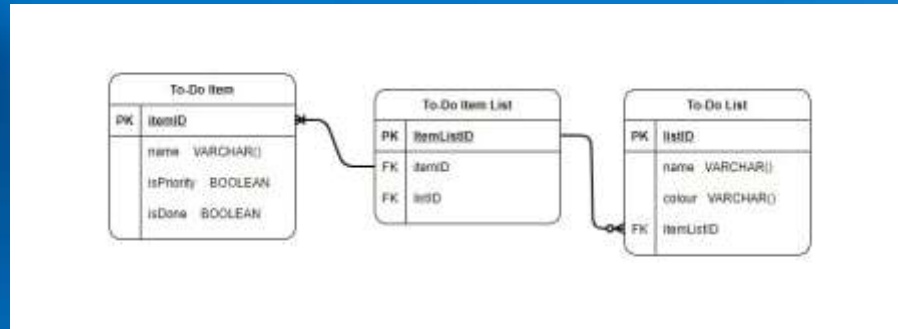
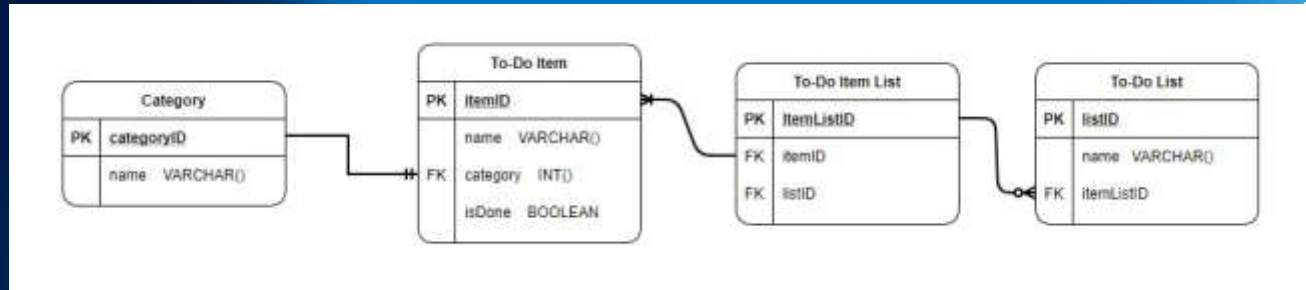
The issues listed in the main content area are:

- As a User I need to be able to access the website, so that I can use and navigate the web application (To-1, High, 1)
- As a User I need to be able to create a to-do list, so I can keep a list of to-do items (To-2, High, 5)
- As a User I need to be able to add to-do items to a list, so I can keep track of the things I have to do (To-3, High, 3)
- As a User I need to be able to edit a list, so I can change the list details such as name (To-4, High, 3)
- As a User I need to be able to delete a list, so I can remove lists which are complete or old lists (To-5, High, 3)
- As a User I need to be able to add to-do items within a list, so I can change to-do details if circumstances change (To-6, High, 3)
- As a User I need to be able to delete a to-do item from a list, so I can remove items from a list which I may have (To-7, High, 3)
- As a User I need to be able to mark a to-do item as done, so I can see which items need doing and which one (To-8, High, 4)

# PRELIMINARY WORK



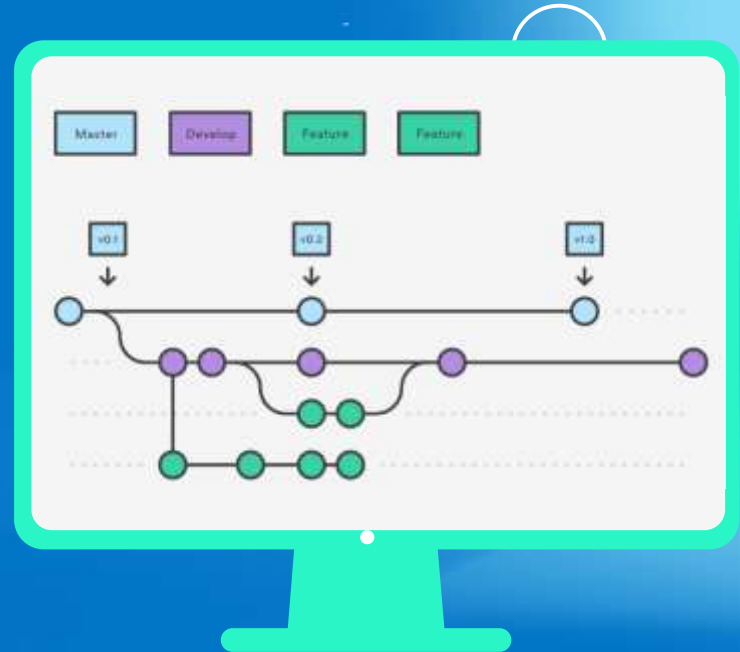
# PRELIMINARY WORK



# CI – CONTINUOUS INTEGRATION



MASTER → DEV → FEATURES







# ACKNOWLEDGEMENTS

ALAN - EDWARD – PIER - SAVANNAH - VINESH

COLOR PICKER HTML RADIO BUTTONS - Tobias Bogliolo  
<https://codepen.io/tobiasdev/pen/YWpBxX>





TESTING

# UNIT TESTING TECHNOLOGY

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# WHAT WAS TESTED?

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ENTITY CONTROLLER  
CLASSES

**93.8%**  
COVERAGE

ALL CRUD  
INTERACTIONS

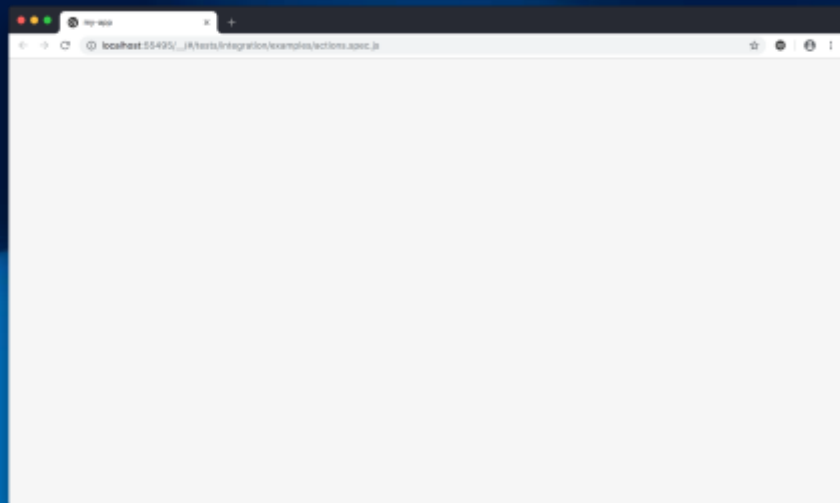




# DEMO TIME!

WORKING DEMO OF TODO WEB APP





# SPRINT REVIEW

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01

02

03

04

BACK END  
ALL CRUD  
FUNCTIONALITY  
INTO ONE  
SPRINT

FRONT END  
FRONT END  
DESIGN AND  
LAYOUT INTO  
ONE SPRINT

MIDDLE LAYER  
ALL JS  
INTERACTIONS  
WITH API INTO  
ONE SPRINT

MISCELLANEOUS  
ALL OTHER USER  
STORIES +  
ADDITIONAL  
UNFORSEEN TASKS

# SPRINT RETROSPECTIVE

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- **Agile method helped me stay on track**
- **Previous experience in IMS project**
- **Finished just in time**

- **Didn't actively manage JIRA board towards the end of project**
- **Requires a lot of preliminary work**



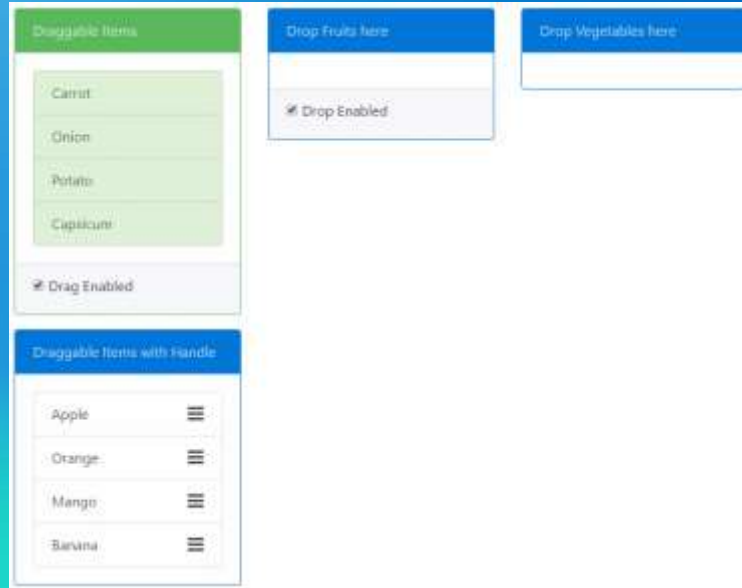


# CONCLUSION

# FUTURE DEVELOPMENT

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## TODO + DRAGGABLE UI





THANK YOU!

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QUESTIONS?

