

# To Do List Web Application

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# Planning

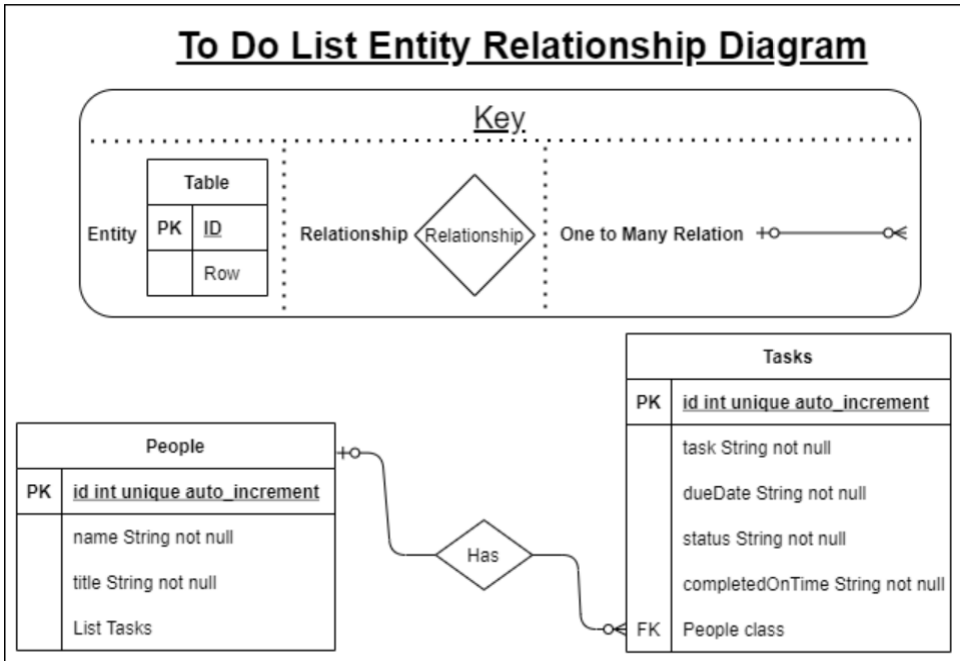
- Risk Matrix

<u>6</u>	Injuries	Injuring myself during the project may result in the inability or limit my work	Possible	Significant	Med High
<u>7</u>	Laptop breakdown	The laptop may malfunction during the project losing progress and affect progress	Unlikely	Severe	Medium
<u>8</u>	Loss of internet	The loss of internet would hinder the ability to research, collaborate and use materials	Unlikely	Severe	Med High
<u>9</u>	Low productivity	Lack of productivity can affect the speed and progress in which I work at	Possible	Significant	Med High
<u>10</u>	Uncooperative code	The code may not function as intended which result in delays or breakdown of components	Possible	Moderate	Medium
<u>11</u>	Natural disasters	A natural disaster may occur causing damage to power-lines and/or infrastructure	Very Unlikely	Severe	Medium
<u>12</u>	Unresponsive software	The software used may not work or not perform as it should resulting in delays as they will need to be resolved	Possible	Moderate	Medium
<u>13</u>	Unsuitable product designed	The planned product may need changing during the project due to it not meeting the spec or it changing during the project	Possible	Moderate	Medium
<u>14</u>	Linking of layers	The front and back end of the system do not link together as intended with integrated functionality	Possible	Minor	Low Med
<u>15</u>	Deletion of files/log	My Jira and/or program coding is deleted by accident or by a error	Unlikely	Severe	Med High

		Impact				
Likelihood	Very likely	Negligible Low Med	Minor Medium	Moderate Med High	Significant High	Severe High
	Likely	Low	Low Med	Medium	Med High	High
	Possible	Low	Low Med	Medium	Med High	Med High
	Unlikely	Low	Low Med	Low Med	Medium	Med High
	Very unlikely	Low	Low	Low Med	Medium	Medium
Number	Risk	Description	Likelihood	Impact	Matrix	
<u>1</u>	Illness	Injuring myself during the project may result in the inability or limit my work	Possible	Significant	Med High	
<u>2</u>	Inaccurate timing estimation	Not guaging the diificulty of a task appropriately may have a carry-on affect	Possible	Significant	Med High	
<u>3</u>	Added workload	Additional ideas being implemented can affect progress and other code where there are dependants	Possible	Minor	Low Med	
<u>4</u>	A layer of application breaks	Upon implementation or compiling of the project, elements or layers may cease to function or not work as intended	Possible	Significant	Med High	
<u>5</u>	Lack of skills	Not being able to complete an element or tasks due to a gap in knowledge	Possible	Minor	Low Med	
<u>6</u>	Injuries	Injuring myself during the project may result in the inability or limit my work	Possible	Significant	Med High	

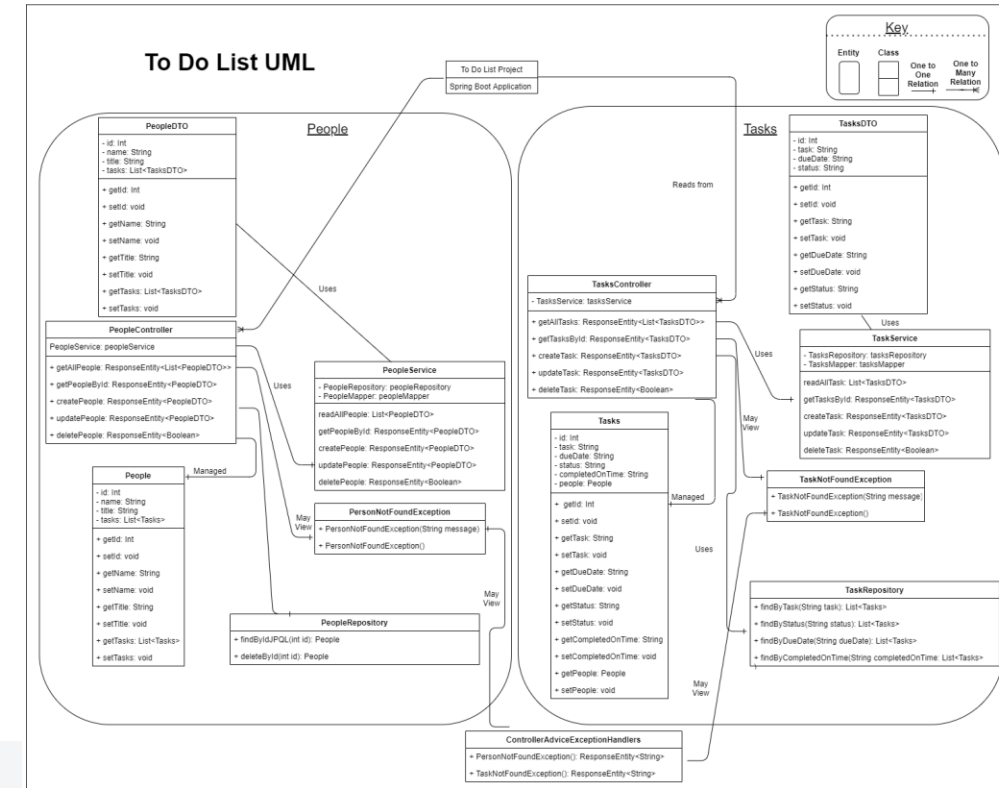
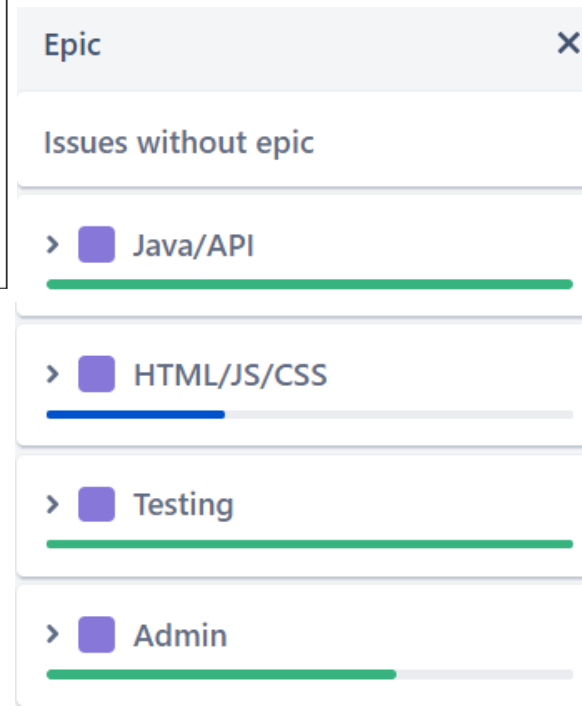
# Planning

ERD:



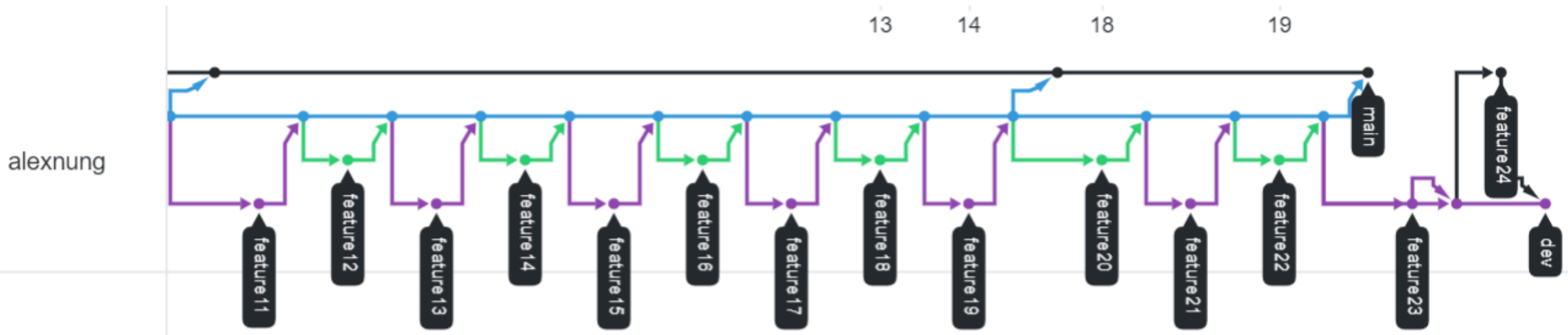
Sprint:

UML:





















# Continuous Integration

- GitHub



# Testing

- Coverage

Element	Covera...	Covered Ins...	Missed Instr...	Total Instruc...
▼  TDL-App	 97.1 %	3,735	112	3,847
▼  src/main/java	 92.1 %	1,309	112	1,421
>  com.qa.tdl.TDLWA.data.model	 92.4 %	472	39	511
>  com.qa.tdl.TDLWA.service	 87.1 %	230	34	264
>  com.qa.tdl.TDLWA.exceptions	29.0 %	9	22	31
>  com.qa.tdl.TDLWA	15.0 %	3	17	20
>  com.qa.tdl.TDLWA.config	100.0 %	9	0	9
>  com.qa.tdl.TDLWA.controller	 100.0 %	146	0	146
>  com.qa.tdl.TDLWA.dto	 100.0 %	400	0	400
>  com.qa.tdl.TDLWA.mappers	100.0 %	40	0	40
>  src/test/java	 100.0 %	2,426	0	2,426

# Testing

- Selenium
- I attempted it but could get my custom buttons to work but could do it with the clear button

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>  test.ReadPeopleTest [Runner: JUnit 4] (8.094 s)

# Testing

- SonarCube
- My sonar cube wasn't working

Demo



# Review and retrospective

Epic

Issues without epic

> Java/API

> HTML/JS/CSS

> Testing

> Admin

TWA Sprint 2 18 Mar – 22 Mar (24 issues)

30 0 224

Complete sprint

...

✓ TWA-6 As a Developer, I want to create an UML, So I show how the application work...

ADMIN

8

DONE

✓ TWA-32 As a Developer, I want to design a people page for my frontend, So I c...

HTML/JS/CSS

5

DONE

✓ TWA-34 As a Developer, I want to design the pages with CSS, So they look app...

HTML/JS/CSS

6

DONE

✓ TWA-35 As a Developer, I want to add functionality of reading all records for t...

HTML/JS/CSS

20

DONE

✓ TWA-37 As a Developer, I want to add functionality of updating a record for t...

HTML/JS/CSS

20

DONE

✓ TWA-44 As a Developer, I want to add functionality of creating a record for pe...

HTML/JS/CSS

10

DONE

✓ TWA-38 As a Developer, I want to add functionality of deleting a record for ta...

HTML/JS/CSS

20

DONE

# Conclusion

Q&A