



Hello!

My name is Jools Arts, and I'm here to walk you through a demonstration of my paleontology themed Spring Boot API

I hope you enjoy the presentation!

You can find me at jools.arts@gmail.com

















































Here's my completed risk assessment!

Risk Assessment							
	Description	Evaluation	Likelihood	Impact Level	Responsibility	Response	Control Measures
1.	Make an error when to coerniting changes to the application via the Git Boph terminal.	Could result in an incorrect version of the application of the application being pushed up to the Gill-Lub repository.	High	Medium	Myself	I record a filter of the site in records that it is a consistent of the source of the site in the site in the source of the site in the si	Pick I leaded parkers a last commit- national content and programs of positive part of part of the content of part of p
2.	Incomplete connection to the relevant distables within the MFGOL. Workbench application.	Could result in the final build of the application being unable to restrict the relevant data that is required to create entities such as paleontologists, fossil sites, and directaurs.	High	Hgh	Myself	I would either, have to troublechoot the connection between the entities connection between the entitle connection between the entitle control of the contro	In an attempt to prevent such events, from transplring, before meeting data MySCR. application. I mould first entering data MySCR. application. I mould first entering the supplication was the and statise by ordating, alset state that included a very small amount of said data that you small amount of said data that was table to be retrieved successfully. This will prevent is said of development from any facilities of said statisting a usual said of development private.
3	The servers that support the Girlsub- purport out of grant out o	Could result in any changed make in year by going Boot application MySOL displaced for my GRH-lo- be uplicated to my GRH-lo- ped possible, security in the suppossible, security in the Sprint Boot APP that is able to be pulled in that of an incomplete nature.	Low	High	GifHub/ - GifHub's cloud- provider	I swald have be entered at of the changes in half most be my appreciation up will find point had been slowed tockly to my nature or of entered the change in his property of the change	Although my actify to colont the events that directly when Glittles greated irribed, I could make either is necessarily when Glittles are suited as the expectation of the colonial could not be either in the cou
4	Both the JUnit and Mockito testing processes could highlight some unforseen errors that I was not expecting	Could result in additional free needing to be allocated for the project in origin for the bugs, errors, and exceptions that are likely to be brown up by addressed.	High	Medium	MyseT	I would allocabe a period of firms for which were former to an instant of the JUNE and Mockets between the period of the JUNE and Mockets between processes in a result of the JUNE and Mockets between processes and produces a Spring Book FM on a latent. Implif earn the notificated bediegated the period of the period of the period of the JUNE and TONE	As the sole developer on this project, it is not yeaponable to enuage the control of the project. It is not yeaponable to enuage the project of the project
5	As the sole developer working on my personal inventory management system, there is an acute risk of the contracting covid-19 and being unable to complete the work required of me to a suitable standard.	Could result in the project not being submitted before the agreed deadline, or potentially submitted bedfore the agreed deadline, or potentially submitted without through teating having been completed, which may result in a product being delivered that is indisined with bugs in its current state.	Low	Medium	Myself	If I were working within a professional environment that usually required me to travel to the office to complete my work (this may be due to security conceans regarding equipment and networks utilized) I may ask my line manager if it would be possible to work from home for a breif period of time. This may include tasks that are deemed as non sensitive in negards to executive.	In terms of limiting the risk of myst contracting covid-19, the entire learning circulum is based online meaning that parson-to-general contracting that parson-to-general contracting covid-19 significantly and routil result in the project being completed as scheduled.





















	Risk Assessment								
	Description	Evaluation	Likelihood	Impact Level	Responsibility	Response	Control Measures		
1.	Make an error when committing changes to the application via the Git Bash terminal.	Could result in an incorrect version of the application being pushed up to the GitHub repository.	High	Medium	Myself	I would either, have to recreate the files from scratch, or I would have to access a backup from which I would be able to restore the application to its previous state, prior to the changes being committed and pushed up to the relevant GitHub repository.	and pushing a sample .txt file up to		

















3	The servers that support the GitHub platform could experience technical difficulties and go down for a period of time.

Could result in any changes that I make to my Sprint Boot application/MySQL database being unable to be uploaded to my GitHub respository, resulting in the only version of my Sprint Boot API that is able to be pulled is that of an incomplete nature.

W

GitHub/ GitHub's cloud provider

I would have to ensure all of the changes I had made to my application up until that point had been saved locally to my machine or alternatively, to an alternative cloud service provider. From there, if another developer on my team wanted to access the work I had completed up until that point, they would either have to receive the files via email which would not be very secure, or I would have to transfer the relevant files to a drive and physically deliver them to him/her.

Although my ability to control the events that directly affect GitHub are rather limited, I could make efforts to ensure all of my files are updated, and backed up locally. By doing this, I could possibly upload them to an alternative open source development repository. Although, this response would have its own risks associated with it. For example, the relative security of the alternative repository service may not have been fully verified to the extent that GitHub has. Therefore, the best course of action may be to exchange files locally, although this method of addressing the issue may not be suitable for large companies that operate at a national or even international level.











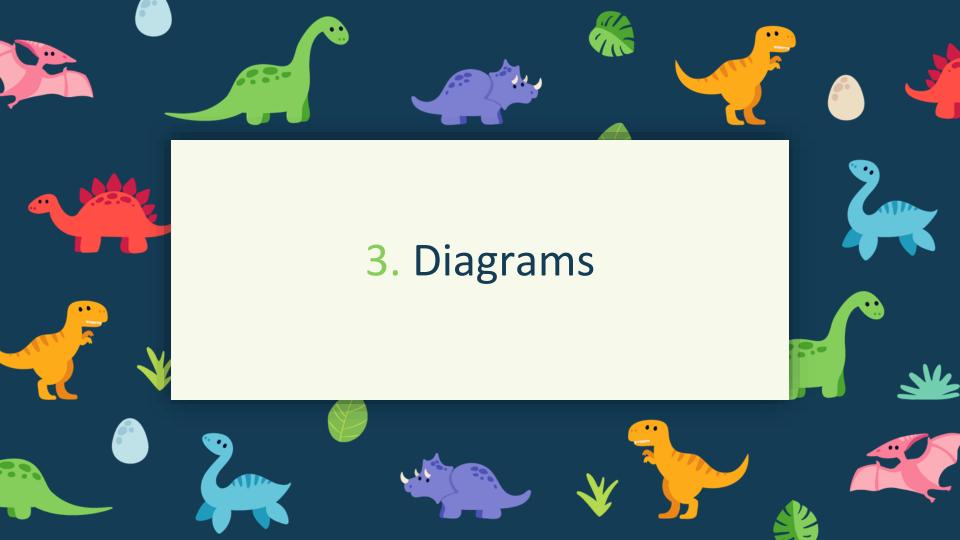


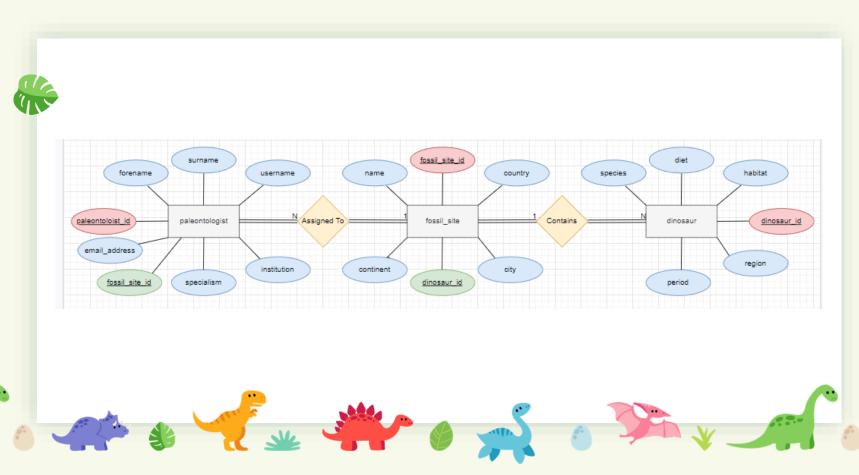




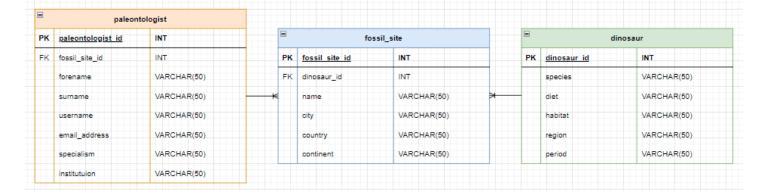




















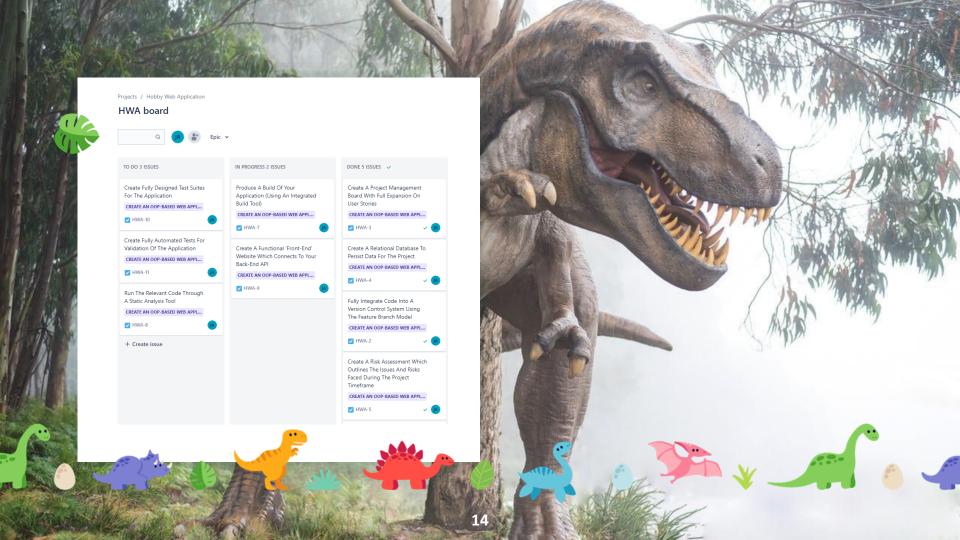


















Use of Git and GitHub

```
MINGW64:/c/Users/jools/eclipse-workspace/HobbyWebApplication
                                                                      ools@86W6OW2 MINGW64 ~/eclipse-workspace/HobbyWebApplication (feature-branch-4)
git branch -a
developer
feature-branch-1
feature-branch-2
feature-branch-3
feature-branch-4
main
ools@86W60W2 MINGW64 ~/eclipse-workspace/HobbyWebApplication (feature-branch-4)
```







