MoSCoW

Must Have:
- A Kanban board on Jira with full expansion on user stories, acceptance criteria and tasks for the project
- Code fully integrated into a Version Control System (GitHub) using the Feature Branch Model
- A relational database used to store data persistently for the project with at least 1 entity and a model relationship with an ERD
- A Risk assessment with a risk assessment matrix
- A functional application created in the OOP language, following best practices and design principles
- A functioning front-end website and integrated APIs
- A functional application front-end which connects to the back-end API.
- Fully designed test suites for the application you are creating, as well as automated tests for validation of the application

Should Have:
- Junit/Mockito tests at 80% coverage or above
- A README file containing instructions and links to Jira and GitHub
- Code ran through a static analysis tool (SonarQube)
- Database with multiple entities

Could Have:

- Option to upload image for each Animal
- Selenium for automated front-end test
- More info page for each Animal

Could Have:

- In depth CSS for entire front-end
- Live updates for each Animal population