QA Project MoSCoW

Must Include:

* Create an API with Spring Boot
* API must have CRUD functionality
  + C - Create - users must be able to create records
  + R - Read - users must be able to output all records and selected records
  + U - Update - users must be able to select a record and update it with new values
  + D - Delete - users must be able to delete the selected record permanently
* Both Unit and Integration testing to make sure that all methods are covered to avoid bugs/errors
* GitHub should be up to date with local version making sure that the different features are on different features
* After the project is finished a JAR file should be created that runs with no compilation errors
* Clear documentation which shows the plans and progression of the project and a README.md file that provides instructions and covers evidence

Should Include:

* Should contain an Entity Relationship Diagram which shows how the classes interact with each other
* Custom queries which extend on the CRUD functionality and gives the user more options
* Build upon the built-in exceptions to be able to provide better functionality for users
* Code coverage should meet industry-standards of 80% to better the user experience

Could Include:

* A front-end to make the API more user-friendly
* If a front-end is made it would be good if the user could construct queries themselves

Won’t Include:

* API will only be built for keeping a record of reptiles it won’t contain features for other animals
* The API will only be connected to one database
* The API’s only purpose is to output records, it won’t contain any features that allow users to use them