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4th year project repeat requirements

Build a web application which allows a user to do the following:

1. Calculate the call and put prices for an option
2. Vary the inputs into the calculation (duration to expiry of contract, interest free rate etc.)
3. Visualise the output i.e. the prices for the various changes in inputs
4. Store the data calculated in a database

This could be a web app using a relational database deployed on Azure e.g. ASP.Net MVC/Entity Framework/SQL Azure/Azure. Or a Python/Django application. That is up to you. Integration with the Yahoo Finance API would be nice too. Ignore Apache Spark.

Develop some unit tests to test the core logic of the application. Pay attention to code quality/metrics. Manage the source code in Git.