

Project Proposal

ITC303 - Group 5

Sponsor:

Spatial Services NSW Department of Customer
Service

Project Outline

Working with the state of the art Amazon Web Services (AWS) - cloud services platform, compute power, database storage, content delivery and other functionality to help businesses scale and grow. Using managed databases like MySQL, PostgreSQL, Oracle or SQL Server to store information.

Project background

Spatial Services NSW Department of Customer Service have offered this project to CSU Students undertaking the Software Development Subjects ITC303 and ITC309. These subjects provide students with the opportunity to work on real world projects to gain experience with stakeholder engagement, real world constraints and processes.

The project spans over two university semesters finishing in October 2021 when delivery should be completed. Students are expected to spend 10 hours per week on various aspects of the project which equates to 50 hours for the 5 person team in group 5.

At this stage aside from the information provided in the Project Outline above we have no further information regarding the project and as such have limited ability to provide further background currently.

Solutions and approach

Initial approach is to learn AWS in preparation for what is believed to be a project focused on AWS. The team has been using training videos on AWS to prepare for this project. Further solutions and approaches to be revised once the project has been explicitly defined.

The project will be using the Unified Process as its methodology covering the four phases of Inception, Elaboration, Construction and Transition in fortnightly iterations. Iteration plans will be created for each iteration to ensure the project remains on schedule.

At the conclusion of the Inception Phase a suggested scope and schedule of the project will be provided followed by the requirements, finalisation of scope and basic implementation of core architecture in the Elaboration Phase. During the Construction Phase the remaining lower-risk elements will be implemented followed by testing and deployment in the Transition Stage.

The detail of the actual deliverables for each phase will be enhanced once the full detail of the project is provided.

Financial information

To be revised once the project details have been explicitly defined.

Additional documents

[Team Charter](#)

Conclusion

The overall aim of this project is to provide DCS with a solution that is implemented in AWS to solve one of their defined requirements. At this stage we still need these requirements defined prior to major planning.