

# A Teaching Platform for QDA

## Summary

QDAcity (<http://qdacity.com>) is a web application for conducting Qualitative Data Analysis (QDA) of text data. A key benefit of this platform is easier collaboration of multiple researchers in a research project where qualitative forms of inquiry such as interviews are the main method of data collection. The tool is also used in our course on research methods to learn qualitative data analysis.

Within this thesis, you will extend QDAcity's feature set to better support the teaching scenario. This thesis will introduce the concepts of courses and exercises to QDAcity. Further you will need to design and implement user friendly and efficient communication channels between students for peer-feedback and discussion, as well as between students and supervisor.

## Work Results

- Preparation
  - User Experience Design practices
  - App Engine development <sup>1</sup>
- Implementation
  - Built on the QDAcity technology stack
    - Java 7 + JDO + Google Datastore backend
    - JS + React.js frontend.
    - Frontend and backend communicate through a REST API built on Google Endpoints.
- Description of solution in written thesis

## Supervisor

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<sup>1</sup> Sanderson, D. (2015). *Programming Google App Engine with Java: Build & Run Scalable Java Applications on Google's Infrastructure*. " O'Reilly Media, Inc."



