“Boost-Your-CV-Case”

These cases aim to involve aspects of Competence, Creativity and Business Sense. Possessing a blend of these values is what Netlight believes makes a Genuine Consultant. The cases are intended to give you valuable knowledge, as well as being concrete projects to include in your future CV.

# Social media - mobile

Twitter is the major actor when it comes to social media. As it is difficult to compete with Twitter on a global basis the only option is to go local. A potential client has contacted you and asked you to develop a local competitor to Twitter for the mobile market.

## Assignment

Implement a mobile app that is your own version of Twitter. The system should be built using a backend that provides an API to the mobile application so in the future the system can be extended with a webpage where the end-user consume and create tweets.

## Functional Requirements

* The system should be able to handle multiple users
* Tweeting should be as simple as possible

## Technical Requirements

* The backend can be written in any language you want (i.e. Java, .NET, Python, Ruby or something else)
* The mobile application should be either a native IOS or native Android (or both?) application
* The code should have a high test-coverage
* Version-control should be used (either GIT, SVN or TFS)

## Control Questions

* How can the application be built scalable from day one?
* What affects the choice of technologies used?
* Can we use some already existing frameworks?
* How much effort is estimated to build a minimum viable product?

# Social media - Web

Twitter is the major actor when it comes to social media. As it is difficult to compete with Twitter on a global basis the only option is to go local. A potential client has contacted you and asked you to develop a local competitor to Twitter for the online market.

## Assignment

Implement a web app that is your own version of Twitter. The system should be built using a backend that provides an API to the web application so in the future the system can be extended with a mobile application where the end-user consume and create tweets.

## Functional Requirements

* The system should be able to handle multiple users
* Tweeting should be as simple as possible

## Technical Requirements

* The backend can be written in any language you want (i.e. Java, .NET, Python, Ruby or something else)
* The web-application should use HTML5, Javascript (i.e AngularJS, JQuery and so on)
* The code should have a high test-coverage (at least the backend)
* Version-control should be used (either GIT, SVN or TFS)

## Control Questions

* How can the application be built scalable from day one?
* What affects the choice of technologies used?
* Can we use some already existing frameworks?
* How much effort is estimated to build a minimum viable product?