# Work placement assignment description

***Attention: This form has to be returned, via email, to the work placement agency (***[***work-placement.ict-ct-emmen@nhlstenden.com***](mailto:work-placement.ict-ct-emmen@nhlstenden.com)***).***

**Name(s) of participating student(s):**

Student: Christopher Sulistiyo

**Institution/company where assignment will be carried out:**

Name: Quality ICT

Address: Kapitein Nemostraat 20

Town, post code: Emmen, 7821 AC

Department: Cybersecurity consultant

Telephone: 0591-708004

Name of supervisor: Manuel Weidijk

E-mail of supervisor: manuel@qict.nl

Number of permanent employees: 25

**Does the company meet the requirements mentioned in the handbook placement:**

*(Think about the requirement about company and placement supervisor.)* The company is an ICT company specialises in cybersecurity, and already has countless interns from Stenden that worked with them. The project is large enough to cover the 90 working days. The supervisor will be available for keeping in touch with me and has been working in IT for 8 years.

**Assignment description (attach if necessary):**

We are currently utilizing Firebase and Flutter for most of our application development. However, we are intrigued to explore the potential of using the Azure cloud platform into our future projects.

We also have the problem that we do not have a default project which we can build up on when approaching a potential new customer. This default project could be a proof of concept in case Azure cloud platform is something for us. If not, this still could be made with Flutter and Firebase. By a default project we want something like

* A standardized login system with two-step authentication.
* Predefined tables that can support potential customers in their work, including features like sorting columns, search functionality, and data presentation.
* Default user management, including user role management.
* Page route management.
* Standard responsive design.
* A standardized method for importing third-party data using APIs.
* A secure approach to storing API keys.

Additionally, it would be valuable to implement unit testing in this standard project and integrate it with Azure DevOps, which we have recently started using.

Date started: 4 September 2023

Date completed: