Development of an iOS-based app

**Current situation**
In order to precisely predict the quality of weld seams using deep learning approaches, enormous amounts of data are required: during experimental investigations, a wide range of measured values can be recorded, which must then be stored suitably. The storage of this data is often difficult and challenging, since the data can be available as images, text files, etc.

**Objective**
In the context of this work, an existing iOS-based app shall be extended by several functions. Moreover, the underlying database shall be extended concerning the functionalities of the app.

Profile of requirements
Personal initiative and creativity, reliability, structured working, first experience in SQL, Swift, and PYTHON

**Contact person**
M. Sc. Michael Kick
Research team joining and cutting technology
Tel.: 089 / 289 15488
michael.kick@iwb.tum.de