At the Chair of Logistics and Supply Chain Management of TUM School of Management we are looking for interested and qualified students (single or group) to conduct an

Interdisciplinary Project (IDP)

on the topic:

Mobile Application for Crowd-Sourced Delivery

Crowd Sourcing is currently finding its way into the last-mile distribution of parcels constituting an interesting research field: City Crowd Logistics. Similarly to other Crowd Sourcing services, as for instance Uber, BlaBlaCar or AirBnB, an IT-Infrastructure for coordinating the system is needed. The aim of this project is to extend an already existing Android application for City Crowd Logistics.

Selected tasks:
- Parcel search and parcel-to-mailman assignment
- Delivery routing
- Parcel reception confirmation, parcel-to-mailman linking and parcel-tracking
- Implementation of web-based admin-cockpit

Requirements:
This IDP is intended for students with major in computer science. The ability to work independently as well as analytical skills are required.

Begin: ongoing
Advisor: Sebastian Malicki (sebastian.malicki@tum.de)
Application: Email with CV and transcript of records to logtheses.wi@tum.de