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| Organization(s) Name: | CYRIC: CYPRUS RESEARCH AND INNOVATION CENTER & PLANTY |
| Course at Frederick University: | ACSC423Mobile and Ubiquitous Computing and Applications |
| Programme of Study at FU: | BSc in Computer Science, BSc in Computer Engineering |
| Project Title: | An IoT-enabled smartphone application for smart/green agriculture |
| Project Overview: | 1. Deployment of IoT sensors to Planty greenhouse for transforming its facilities to a smart and autonomous environment with automations and real-time information.
2. Development of a smartphone application for utilizing real-time data from the greenhouse and offering to managers intelligent features, insights and useful statistics.
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| Organization(s) Overview: | CYRIC offers Research and Innovation Services for its customers in the fields of engineering design and prototyping, electronics and communications and software solutions. In addition, a number of specialized consultancy and entrepreneurship services are offered to startups and SMEs.Planty is the biggest horticultural facility and packaging factory in Cyprus, with a 10,000sqm, state of the art greenhouse, accompanied with 850sqm store and packaging facilities, which supply the market with premium horticultural and hydroponic products: microleaves-microgreens, herbs and leafy vegetables. |
| Organization(s) Website: | [www.cyric.eu](http://www.cyric.eu)[www.planty.eu](http://www.planty.eu) |
| Faculty member at FU: | Andreas Constantinides |