

Domain Engineering for Weather Information Services

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WIMEA-ICT

March Progress

- Paper '**Partitioning Microservices: A Domain Engineering Approach**' accepted to SEiA 2018 symposium at ICSE 2018 (<https://www.icse2018.org/track/seia-2018-papers>) on 6th March
 - Processed and addressed reviewers' comments
 - Submitted camera-ready paper **19th March**
 - Conference to be held in Gothenburg, Sweden May 27th - June 3rd 2018



March Progress II

- Paper '**ICT for Weather Information Dissemination: The way to Improved Agricultural Productivity**' invited as book chapter (for the book Agricultural and Ecosystem resilience in Sub-Saharan Africa) to be published by Springer.
 - Formatting according to Springer book guidelines
 - To be submitted **31st March**
 - Await review process until **May 2018**



- Technical testing of the Web and USSD applications
- Feedback used for refining
- USSD menu translated to Luganda, technical testing done **23rd March**
- Compiling summary report of findings from tests



Structure of Thesis

Thesis by publication



April Plans

- Come up with thesis structure
- Complete work on '**Domain Exploration of Weather Information Dissemination**'
 - Table of review - address each reviewer's comments
 - Find appropriate journal to send to
- Extend '**The Need for an Integrated Effective Weather Dissemination System for Uganda**' as journal paper
 - With comments from co-authors



WIDS USSD Testing

- End user testing with farmer group
- Refine system using feedback
- Plan for a prototype validation workshop with all stakeholders



Thank you! Feedback?

