Extended Federated Social Networks in Environmental Sustainability

Master in Computer Engineering

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1ST SYMPOSIUM OF APPLIED RESEARCH

BACKGROUND

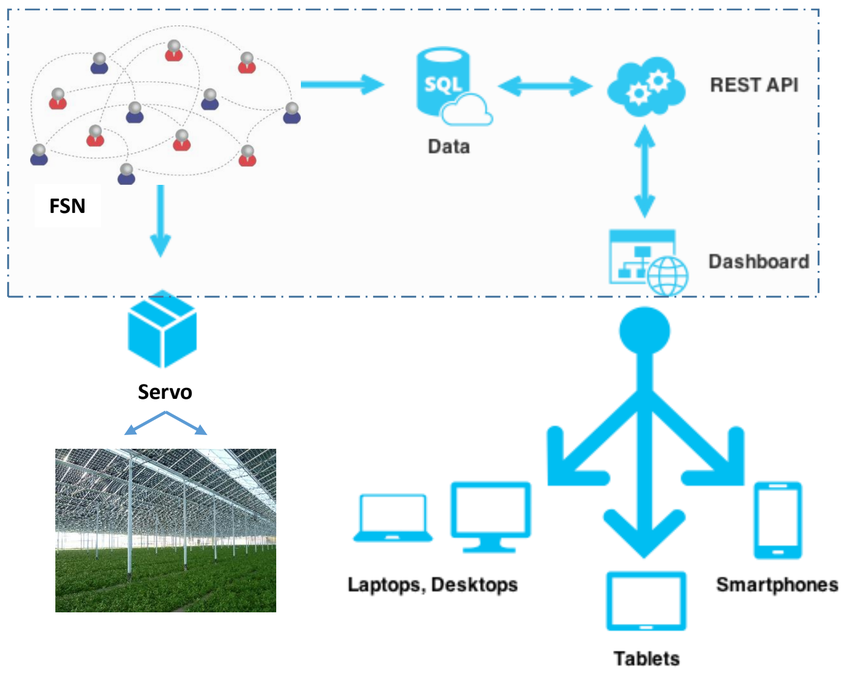
Information and Communication Technologies continue to be seeing as the basic lever for possible solutions to efficiently manage the causes of emergent environmental problems. The raising technocentric society make the human behaviour changing, necessarily. Although it seems the contrary, social networks promote the human-machine and not the human-human binomial, which is not effective.

OBJECTIVES

Extend a Federated Social Network (EFSN) to allow the effective participation of its members, ensuring abstracted communicational capacity of technology platforms, is the focus of this research. The work will be applied to a *Greenhouses Environmental case study Sensing and Control (GESC)*.

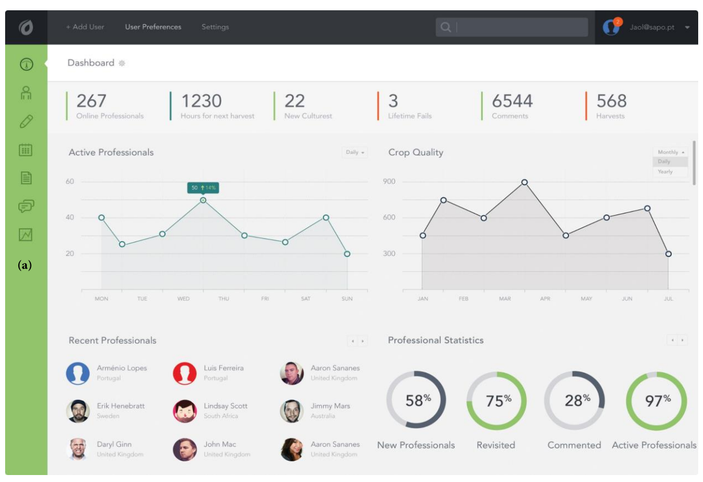
METHODOLOGY

The development of this work has adopted a set of activities geared to the "final product". It used: a) SCRUM to specify the tasks and monitor their development; b) mokups to model interaction widgets and patterns to system architecture and c) dashboard prototype development to sustain context aware brokering and effective communication. Trello supported the project management, Dropbox supported the arquive and the web site http://justowork.com/tiagoeirinha/thesis/ monitor the results



RESULTS AND CONCLUSIONS

This research seeks to define a technological platform that supports the effective integration of the EFSN members. The work will be applied to a *GESC*, where a dashboard will provide a way to monitor and intervene remotely, assisting decision making in situations of necessary reaction and or prevention.



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