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Project Engineer
Supervisors

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Objective:

Many city-dwelling elderly people can be greatly affected after a minor change in their living or health conditions. Also, nutrition and pollution became a major factor of health across the world. Metabolic diseases, quality of life (impairments) and respiratory disease are among the most common risks. Through the new wave of Information and Communication Technologies (ICT), Internet of Things (IoT) and Smart City systems, it is now possible to help individuals **capture and make use of their personal data** in a way that will help them maintain healthy and independent for longer.

The IPAL research team needs a Project Engineer to strengthen its team. The three main phases are integration planning (demonstration guidelines), test bed set up and running, dissemination and exploitation.

Applicant profile

- Ability to work with multiple discipline projects
- Strong organizational, interpersonal, problem solving and analytical skills
- Proactive and independent
- Knowing of Singapore Research ecosystem
- Capable of Managing Multiple Projects
- Ability to take initiatives, communicate effectively
- Knowing research project organization

Description:

We are looking for a project engineer to strengthen our team:

Responsibilities:

- Deployment and Project development
 - Determines activities schedule (deployments) specifications; sequencing project elements.
 - Define test cases to drive the technical evaluation of the platform
 - Develop and execute the operations by reviewing projects proposal and deployment objectives
 - Determines systems specifications for each deployment phases and follow-up
 - Analyse and identify engineering problems and ensure solutions are implemented
 - Develop an appropriate testing and validation strategy
- Dissemination, exploitation and communication:
 - Report on project status by collecting, analyzing, and summarizing information and trends;
 - Review projects deliverables
 - Build projects image and disseminate its findings on a worldwide scale, across different communication channels
 - Ensure the business viability of projects developments, their sustainability beyond the project end.

Keywords:

Project Management, Requirements Analysis, Technical understanding and requirements, Smart City, Internet of Things, Ambient Assisted Living, Public Health, Behavioural, Digital Health, User experience, Dementia Assistance, Real life deployment, Dynamic and adaptable systems, Context aware services