

2021 Final Year IoT

Project Title: Develop a sorting machine module of internet of postal things			
Company details: South African Post Office SOC Ltd, 20 Jeff Masemola Street, Pretoria, 0002			
Company background: The company is a state owned company that is mandated to deliver money, merchandise and messages for natural and juristic citizens of Republic of South Africa. Its scope is international.			
Project description: Develop an internet of postal things module on appropriate open source platform to extract, analyse and display data for monitoring production performance and integrated logistics support indicators. This automated machines are optical character readers, video coding machines or barcode readers that have a capability of sorting 30k letters per hour each. There are more than 30 of these machine installed in Cape Town, Durban, Johannesburg and Pretoria. The aim is to reduce downtime, reduce overall manual sorting and increase productivity. Tasks: <ol style="list-style-type: none">1. Define project2. Develop a project proposal3. Develop a project plan4. Generate alternative open source technology options5. Develop the preferred option6. Final report			
Industry mentorship:			
Industry mentor contact details:	Freddy Bokaba	Freddy.Bokaba@postoffice.co.za	012 407-7480
Project topic application process: <i>Submit your academic record via the stipulated e-mail address before 26 February 17:00.</i> <i>If your application is successful, we will provide feedback (by e-mail) to you before 5 March 17:00.</i> <i>When you receive no feedback by 5 March 17:00, your application is unfortunately unsuccessful.</i>			
Any other relevant information: Submit your academic record on your request to participate in the project.			