

## ABSTRAK

**Judul Skripsi** : **Sitem Prakir Pesawat Otoamatis Menggunakan Sensor Pir, Sensor Ultrasonik, Sensor Ldr dan Nodemcu Pada Bandara Berbasis Iot**

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**Jenjang Pendidikan** : **Strata 1 (S1)**

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This research intends to design and build a microcontroller-based automatic, simple and efficient aircraft parking device that can monitor LEDs, speakers and water pumps as well as aircraft. The sensor reading results will be displayed on the LCD and the application on Android via the ESP 8266 and the notification via the Telegram application. Data that can be used as a reference in doing a job. The results of the tool test state that the tool operates well and can be used for aircraft parking.

**Keywords** : Airplane parking, LCD, Application, Android.