

# DESIGN OF AUTOMATIC LOCK GATE SYSTEM

Prepared by: Mohamed Samee, Chang Hung Bui, Sen Yaw Jie

## ABSTRACT

---

This project report will give the reader a clear view of how our automatic lock system works, we will describe how a lock gate is applied to the real world and how the automatic system controls the operation of the whole mechanism of the lock gate.

At the first part, we will bring you look up closely to our reference lock gate which we collect necessary data's to start this project. Then, we will describe detail about the automatic control system on how the sensors circuit works as well as how the control software manipulates the data from the sensors.

And finally, we describe how the output data from the control software is converted into mechanical power that used to operate the lock gate.