

**THESIS**

**HYBRID MULTI AGENT NAVIGATION IN WAREHOUSE  
ENVIRONMENTS USING CBS-MARL**

Written to meet a partial academic requirement to obtain  
the degree of Magister Komputer

**Written by :**

**NAMA : BRAIN HARLAN  
NPM : 01679230009**



**STUDY PROGRAM OF INFORMATICS MASTER PROGRAM  
FACULTY OF INFORMATION TECHNOLOGY  
UNIVERSITAS PELITA HARAPAN  
JAKARTA  
2025**