



**2013** NATIONAL INSTRUMENTS  
**AUTONOMOUS**  
**ROBOTICS**  
**COMPETITION**

# TEAM MITE

MANUKAU INSTITUTE OF TECHNOLOGY

**MINH PHUNG NGUYEN**  
ELECTRICAL

**ANDREW FUI**  
PROGRAMMING

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SUPERVISOR

# 4 STAGES APPROACH

**1** Navigate to the mining area and follow inner wall to locate entrance

**2** Use camera to locate and pick up gold cubes

**3** Follow the wall to detect EXIT

**4** Locate and drive to drop off zone

while avoiding obstacles...

fastest time possible...

complete the tasks...

# ROBOT DESIGN

