

# GOOD MORNING!

早上好!

안녕하세요!

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DAY 6



# DAY 5 (FINAL PROJECT)

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- 비즈니스/System 요구 사항 업데이트
- 시스템 설계 및 프로세스 정립
  - System(High Level) Design
  - Schedule/Time Management
- 역할 분담 및 일정 조율
- 개발 환경 구축(맵 디자인, SW 개발, 문서 통합 관리)
- 멀티 로봇 환경 구축 및 네비게이션
- 멀티 로봇 개별 업무 수행
- 멀티 로봇 협동 업무 수행
- (Optional) Turtlebot4 각종 센서 데이터의 이해와 적용

# DAY 6 (FINAL PROJECT)

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- 시스템 설계에 기반한 객체 감지 모델 구현
  - 로봇 환경에 적용 및 Unit Test
  - 모듈로 제작하고 launch파일로 구현
  - code 정리 및 버전관리, 문서 작성 및 영상 촬영, 팀 내 기술 브리핑
- 시스템 설계에 기반한 SysMon 설계 구현
  - 로봇 환경에 적용 및 Unit Test
  - 모듈로 제작하고 launch파일로 구현
  - code 정리 및 버전관리, 문서 작성 및 영상 촬영, 팀 내 기술 브리핑

# DAY 7 (FINAL PROJECT)

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- 시스템 설계에 기반한 **AMR 제어** 구현
- 로봇 환경에 적용 및 Unit Test
- 모듈로 제작하고 launch 파일로 구현
- code 정리 및 버전관리, 문서 작성 및 영상 촬영, 팀 내 기술 브리핑



프로젝트 RULE NUMBER ONE!!!

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Have Fun Fun Fun!



# PROJECT SCHEDULE **UPDATE** BY EACH TEAM

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# SOLUTION/SYSTEM REQUIREMENT **UPDATE** BY EACH TEAM

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Using the posted notes and flipchart as needed

# SYSTEM DESIGN ARCHITECTURE **UPDATE** BY EACH TEAM

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Using the posted notes and flipchart as needed



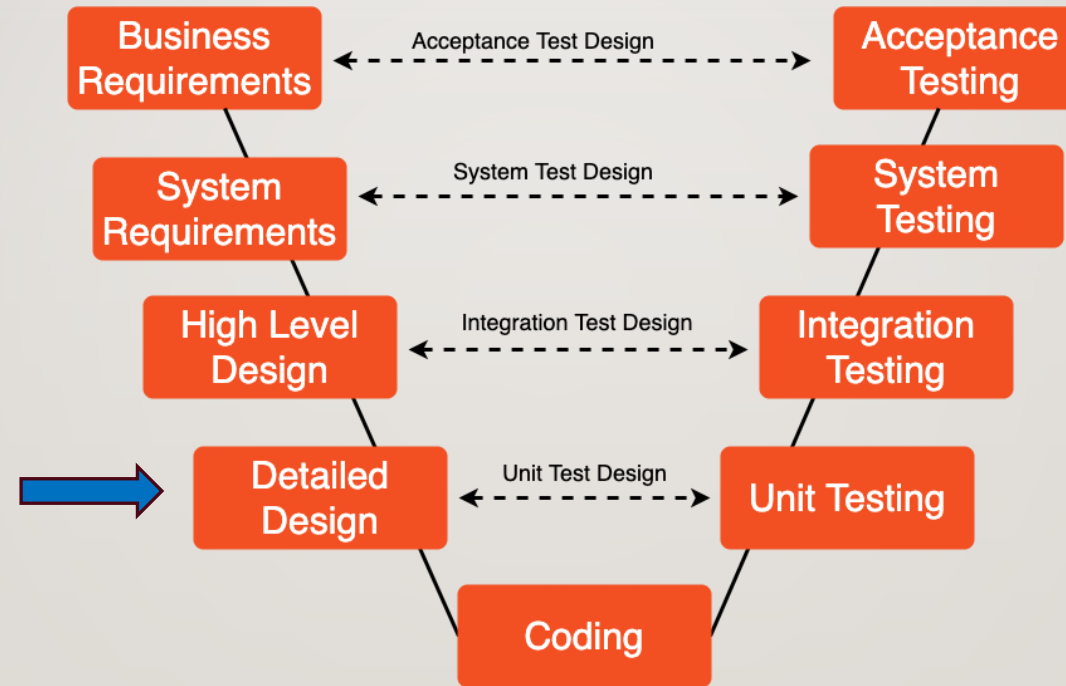


SYSTEM DESIGN ARCHITECTURE  
PRESENTATION SHOULD BE DONE HERE  
BUT POSTPONED TO **DAY 7 AFTERNOON!!!!**

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# SPRINT I



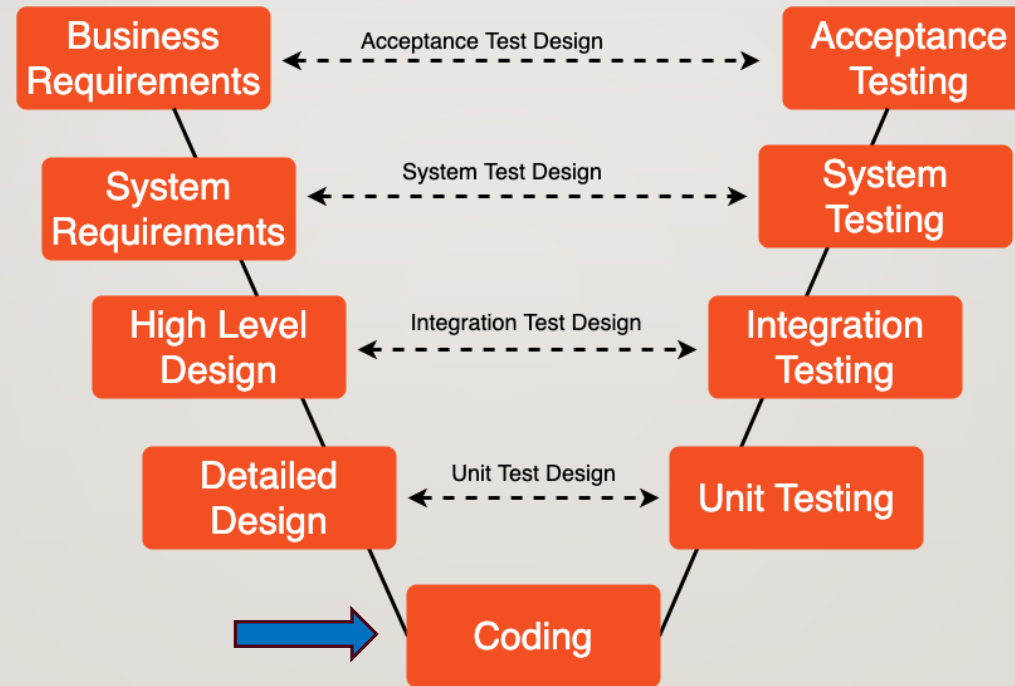
SDLC - V Model - notepub.io

# TEAM EXERCISE 12

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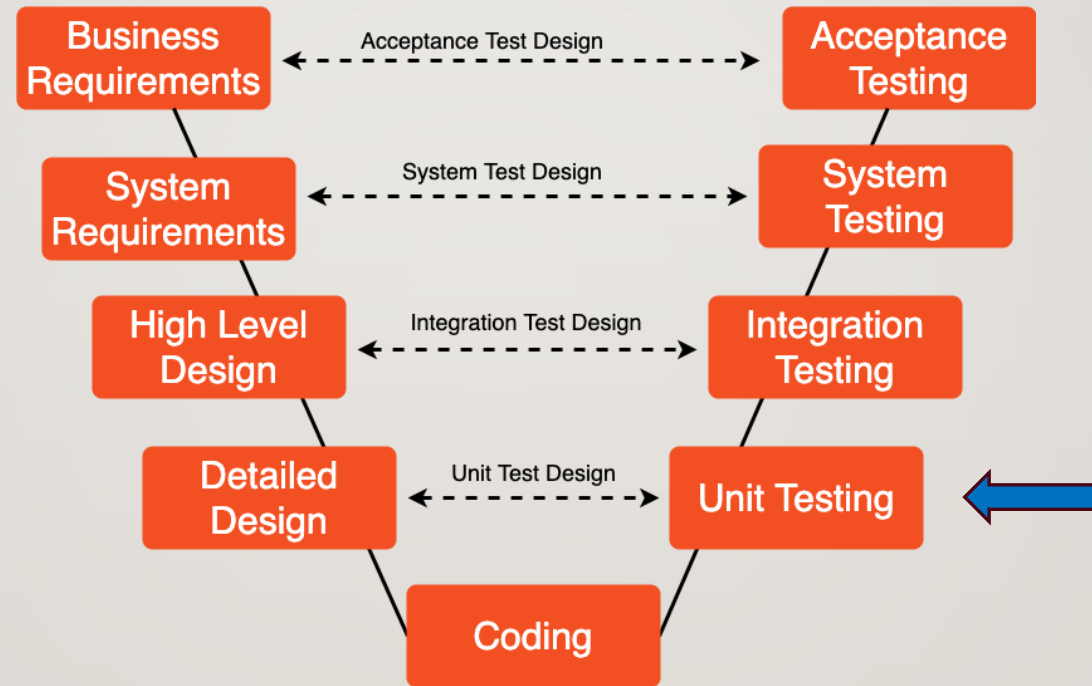
Perform Detail Design of Sprint I using Process Flow Diagram

# SPRINT I



SDLC - V Model - notepub.io

# SPRINT I



SDLC - V Model - notepub.io



# TEAM EXERCISE 13

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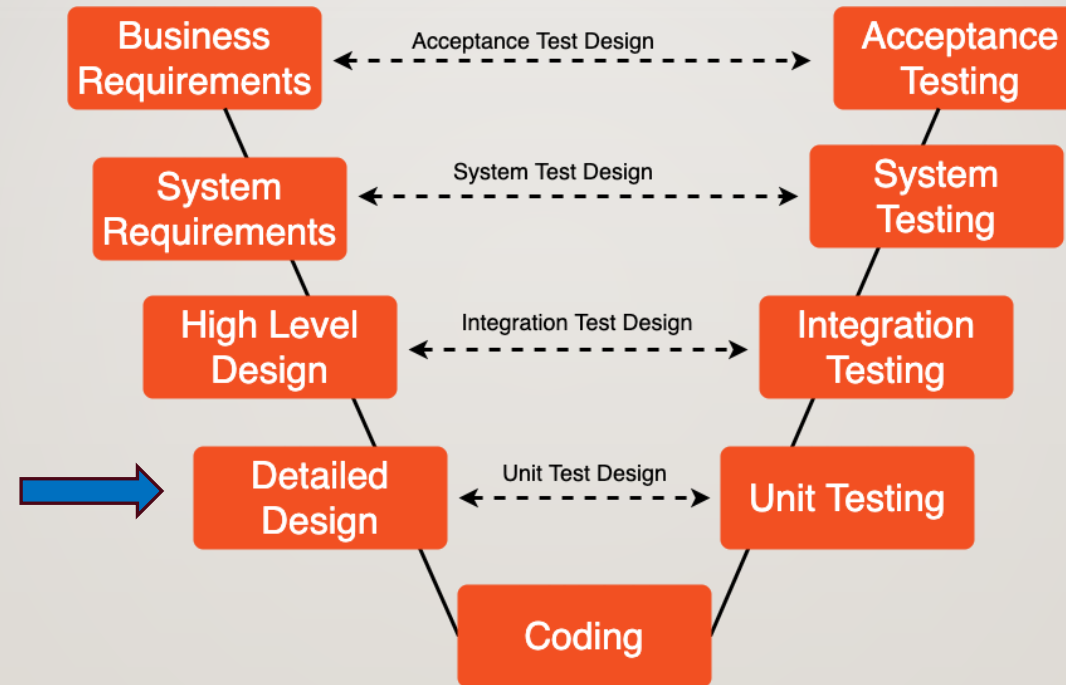
Perform coding and testing of Sprint 1 Module

## (평가 2) DESIGN/CODE/TEST REVIEW BY EACH TEAM

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Show actual results against the expected results and explain the code written

# SPRINT 2



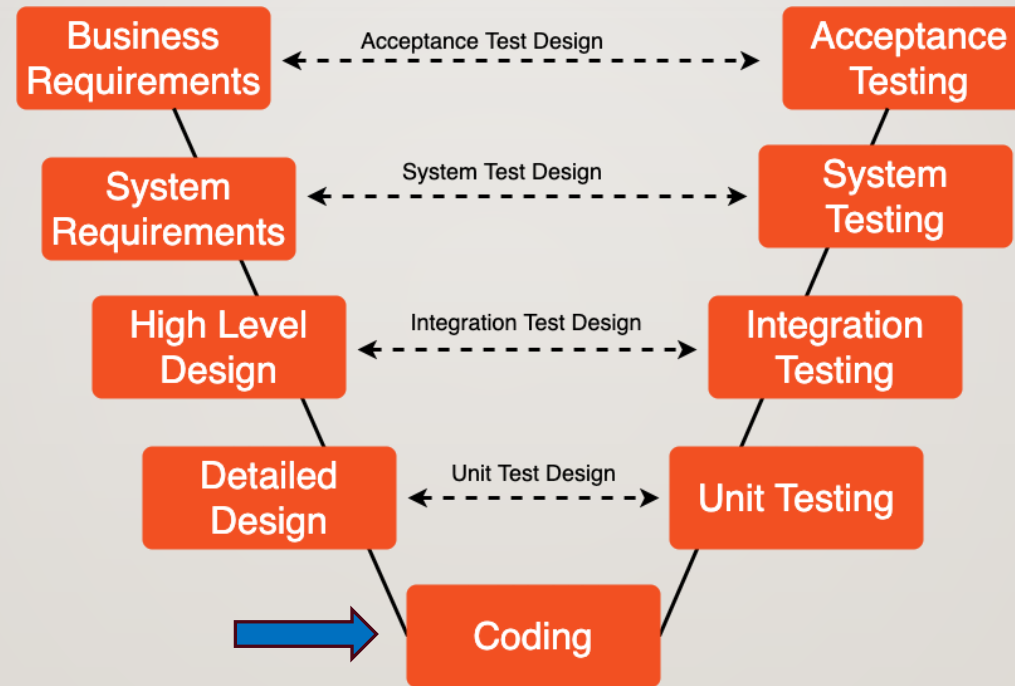
SDLC - V Model - notepub.io

# TEAM EXERCISE 14

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Perform Detail Design of Sprint 2 using Process Flow Diagram

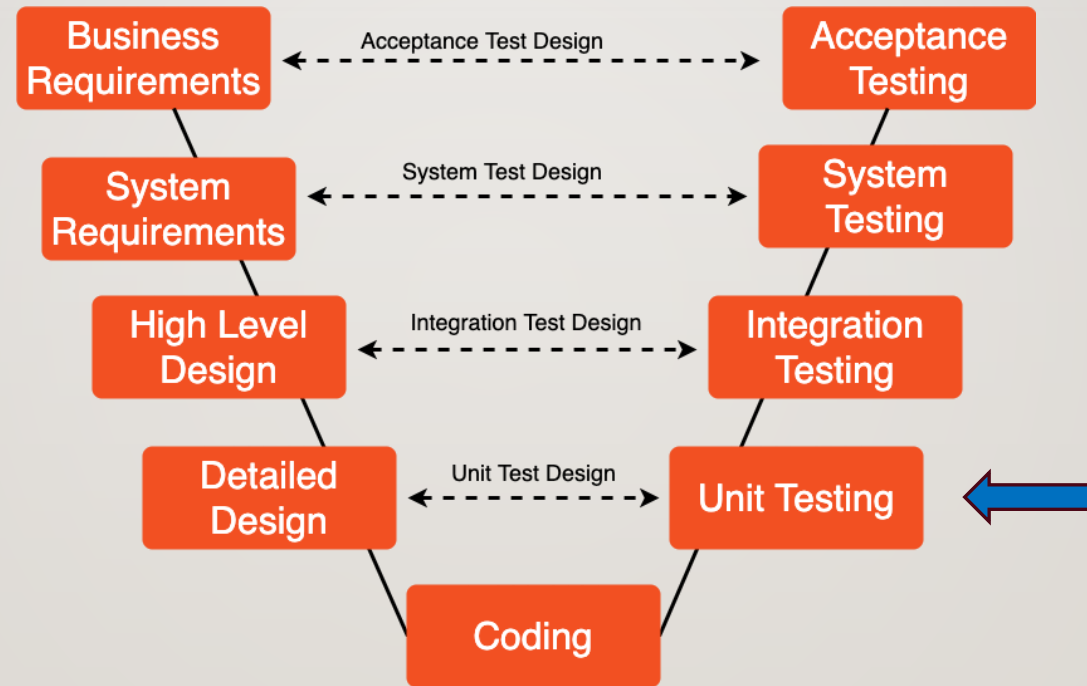
# SPRINT 2



SDLC - V Model - notepub.io



# SPRINT 2



SDLC - V Model - notepub.io

# TEAM EXERCISE 15

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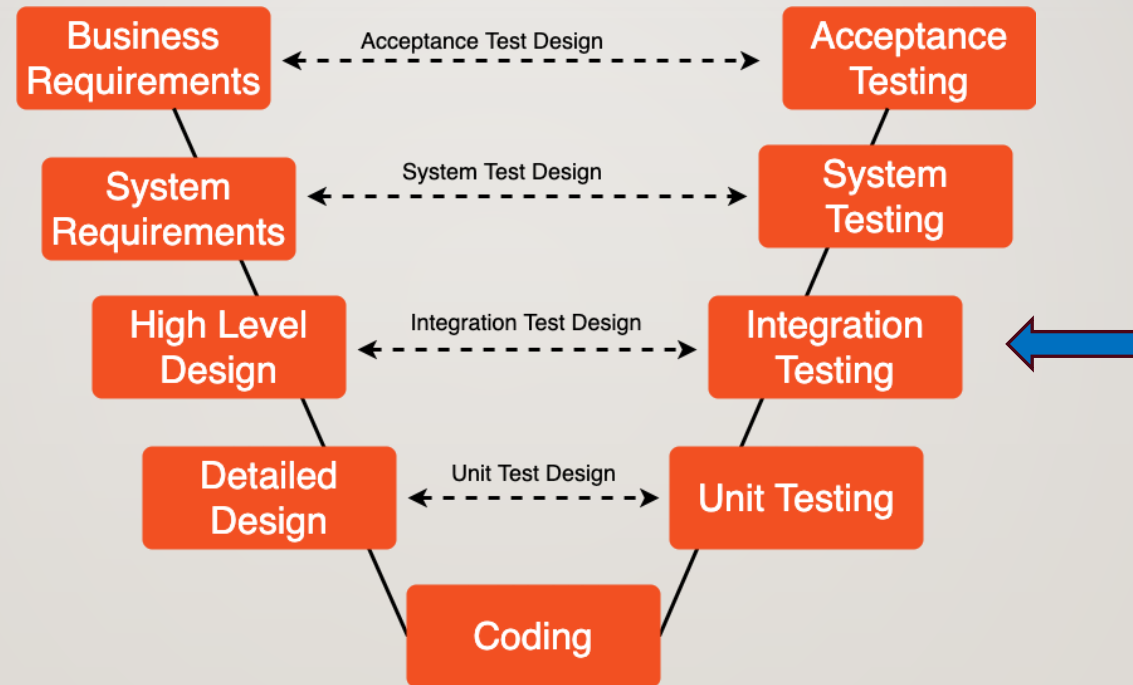
Perform coding and testing of Sprint 2 Module

## (평가 3) DESIGN/CODE/TEST REVIEW BY EACH TEAM

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Show actual results against the expected results and explain the code written

# SPRINT 1&2 – INTEGRATION & TEST



SDLC - V Model - notepub.io

# TEAM EXERCISE 16

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Perform integrate and test of Sprint 1&2 Modules



# 프로젝트 RULE NUMBER ONE!!!

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Are we having  
Fun???

