# Speech Recognition System in Cars

| TEAM 9 | |
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# WBS BY PHASE

# Speech Recognition System in cars

## Initiation
- Select Project Team
- Select Project manager
- Preparation of Project Charter
- Study and Analysis of Available software and final selection
  - Dragon
  - IBM Watson
  - Simon
  - Pocket Sphinx

## Planning
- Plan Scope of the project
- Define Requirements
  - User requirements
  - Content Requirements
  - System Requirements
  - Non Functional Requirements
- identifying risks, constraints and assumptions
- Develop Project Plan and prepare WBS

## Execution
- Design
  - UI Design
    - Page layout Design
    - Design Function call
  - Library integration
    - Design the interface
  - Command Analysis and response generation
    - Semantic Analysis
    - Response Generation
- Development
  - UI Implementation
  - Library Implementation
  - Text Analysis implementation and response generation
- Testing
  - Integration Testing
    - Test the entire working software before deployment
  - System Testing
    - Test the working system
  - Unit Testing
    - Test individual units of code
- Roll Out & Support
  - Deploy the software in production environment
  - Provide documentation to deploy & execute the software

## Monitoring & Control
- Monitor and manage risks and issues
  - Facilitate Change management
    - Change Requests
    - Corrective Actions
- Monitor Performance
  - Status Report
  - Progress Reports

## Closing
- Final product
  - Working Software
  - User Training Manual
- Organisational process asset updates
  - Project Report
  - Lessons Learnt