Simulator Requirement Specification

Department Name	MECHANICAL
Class	B.TECH
Semester	VII
Subject Name	AUTOMOBILE LAB
Experiment No.	01
Experiment Name	STUDY OF FOUR WHEELER CHASIS LAYOUT AND DRIVE LAYOUT

Version History

Sr. No.	Version Number	Created By	Approved By	Date
1	v1.0	BA Name	Faculty Name	DD/MM/YYYY
1.	V1.0	SANDESH ANIL KAMBLE	PROF. SOURABH PATIL SIR	

KIT's College of Engineering(Autonomous), Kolhapur

Detailed Requirement Specification

Req. ID	Visual Entity Required	Requirement Description	Comments
REQ1	FIRST BUTTON	ANIMATION IMAGE OF LAYOUT OF CHASIS AND ITS MAIN COMPONENET	REQUIRE SCHEMATIC REPRESENTATION
REQ2	NEXT BUTTON	ANIMATION IMAGE OF COMPONENTS OF AUTOBILE CHASIS LAYOUT	Including basic structures like Frame, Suspension System, Axles, wheel Engine,
REQ3	NEXT BUTTON	ANIMATION IMAGE OF TRANSMITION SYSTEM	Including clutch, Gear box (Transmission), Propeller Shaft, Universal shaft, Differential.
REQ4	NEXT BUTTON	ANIMATION IMAGES OF CHASIS FRAME	Including conventional frame, Integral frame, semi-integral frame
REQ5	NEXT BUTTON	ANIMATION IMAGES OF FRONT ENGINE REARE WHEEL DRIVE	-
REQ6	NEXT BUTTON	ANIMATION IMAGES OF REAR ENGINE REAR WHEEL DRIVE	-
REQ7	NEXT BUTTON	ANIMATION IMAGES OF FRONT ENGIEN FRONT WHEEL DRIVE	-

REQ8	NEXT BUTTON	ANIMATION IMAGES OF FOUR WHEEL DRIVE / ALL WHEEL DRIVE	Including one all-wheel drive and Two types of four wheel drive (1. Rear engine , 2.Front engine)
REQ9	NEXT BUTTON	ANIMATION IMAGES OF REAR MID-ENGINE	-
REQ10	NEXT BUTTON	ANIMATION OF ARTICULED VEHICLES AND HEAVY COMMERCIAL VEHICLES	-