# CS 255 Business Requirements Document

## System Components and Design

### Purpose

DriverPass requires a system to train students effectively, addressing the high failure rate in driving exams. Features include online practice exams, scheduling for on-road training, and progress tracking.

### System Background

DriverPass aims to address the need for improved driver training to help customers pass their DMV driving tests. Components include user accounts, scheduling system, online training platform, and reporting capabilities.

### Objectives and Goals

Ensure user-friendly functionality for various roles (admin, IT, secretaries, and customers). Track progress and generate reports efficiently. Facilitate DMV notifications and future customizations.

## Requirements

### Nonfunctional Requirements

- Performance: Real-time updates and seamless operation across devices.  
- Security: Encrypted connections and role-based access.

### Functional Requirements

- Schedule, modify, and cancel driving lessons.  
- Generate activity logs and customizable reports.

### User Interface

The interface must be intuitive and responsive, usable on desktop and mobile browsers. Users include admins (access and control over the entire system), IT officers (account management and system maintenance), secretaries (schedule appointments and manage customer information), and customers (access training materials, make and manage lesson appointments).

### Assumptions

It is assumed that users have internet access and basic familiarity with web applications. The system will rely on cloud-hosted infrastructure for security and backups.

### Limitations

Budget and time constraints may limit advanced features like predictive analytics or in-depth reporting tools. Cloud hosting dependency limits direct control over data security and backups.