# CS 255 Business Requirements Document Template

Complete this template by replacing the bracketed text with the relevant information.

This template lays out all the different sections that you need to complete for Project One. Each section has guiding questions to prompt your thinking. These questions are meant to guide your initial responses to each area. You are encouraged to go beyond these questions using what you have learned in your readings. You will need to continually reference the interview transcript as you work to make sure that you are addressing your client’s needs. There is no required length for the final document. Instead, the goal is to complete each section based on your client’s needs.

**Tip:** You should respond in a bulleted list for each section. This will make your thoughts easier to reference when you move into the design phase for Project Two. One starter bullet has been provided for you in each section, but you will need to add more.

## System Components and Design

### Purpose

*What is the purpose of this project? Who is the client and what do they want their system to be able to do?*

* The purpose of this project is to make it easier for training people on how to dive by making it accessible online via test and the ability to schedule on the road training sessions. The clientele of DriverPass would be people who are having difficulty with passing the DMV driver exam

### System Background

*What does DriverPass want the system to do? What is the problem they want to fix? What are the different components needed for this system?*

* They what a system that can access data from anywhere whether online or offline, a suite of security where the IT lead has control and access of all accounts and can reset them If they forget a password or block access, and a log that will denote any changes that have happened to the data of file and who did the changes

### Objectives and Goals

*What should this system be able to do when it is completed? What measurable tasks need to be included in the system design to achieve this?*

* They what this system to be able to make reservations for their on the road training along with being able to change the packages along with how many packages are available. They also want to make it to where you are able to take your drivers test online.

## Requirements

### Nonfunctional Requirements

*In this section, you will detail the different nonfunctional requirements for the DriverPass system. You will need to think about the different things that the system needs to function properly.*

#### Performance Requirements

*What environments (web-based, application, etc.) does this system need to run in? How fast should the system run? How often should the system be updated?*

* The environment that the product would be running in would be Web-based as we would need it to have the ability to use it on anything. It would Have to run quick as possible so results can be sent to the DMV. The system would be updated every year or whenever the DMV changes their requirements for getting

#### Platform Constraints

*What platforms (Windows, Unix, etc.) should the system run on? Does the back end require any tools, such as a database, to support this application?*

* As this would be a Web based system it would run on anything that can run a web browser. The back end would require a database for packages and appointments along with Driving test for the DMVs. The systems servers would be running on Linux as most web servers do.

#### Accuracy and Precision

*How will you distinguish between different users?* *Is the input case-sensitive? When should the system inform the admin of a problem?*

* The system will distinguish between users by having accounts for users and we would have input case-sensitive due to people having the ability to have the same name.

#### Adaptability

*Can you make changes to the user (add/remove/modify) without changing code? How will the system adapt to platform updates? What type of access does the IT admin need?*

* IT would need access to be able to change roles and change physical parts of the web server in increase the amount of Data and Traffic it can deal with.

#### Security

*What is required for the user to log in? How can you secure the connection or the data exchange between the client and the server? What should happen to the account if there is a “brute force” hacking attempt? What happens if the user forgets their password?*

* IT would need access to be able to reset passwords for users if passwords are lost. And the system would have small downtimes for security updates.

### Functional Requirements

*Using the information from the scenario, think about the different functions the system needs to provide. Each of your bullets should start with “The system shall . . .” For example, one functional requirement might be, “The system shall validate user credentials when logging in.”*

* The system must be able do payment processing
* The system must be able to deliver the written driving test to the customer and the completed test to the DMV

### User Interface

*What are the needs of the interface? Who are the different users for this interface? What will each user need to be able to do through the interface? How will the user interact with the interface (mobile, browser, etc.)?*

* The System needs to have functional buttons
* The Systems needs to have multiple layouts for desktop and mobile
* The System needs to be clean

### Assumptions

*What things were not specifically addressed in your design above? What assumptions are you making in your design about the users or the technology they have?*

* The Users read and speak English
* The Users have valid email addresses

### Limitations

*Any system you build will naturally have limitations. What limitations do you see in your system design? What limitations do you have as far as resources, time, budget, or technology?*

* The System will be limited to the US
* The System has a timeline from late January to mid may

### Gantt Chart

*Please include a screenshot of the GANTT chart that you created with Lucidchart. Be sure to check that it meets the plan described by the characters in the interview.*

A screenshot of a project

AI-generated content may be incorrect.