



## Requirements Analysis

### Functional

1. The system will have the ability to place orders through an online website.
2. The system will have the ability to store the information collected.
3. The system will allow the user to track their package and see an estimated time of arrival.
4. The system will allow the user to get an estimate on how much it will cost to ship their package without having to place an order.
5. The system will allow drivers to access relevant information.
6. The system will allow the user to pay online.
7. The system will notify the user when their parcel has been delivered.

### Non-Functional

- *Usability*
  - The system will allow users to find what they want within three clicks.
- *Reliability*
  - The system will be available for delivery requests all hours of the day.
- *Performance*
  - The system will send data within a reasonable time span.
- *Security*
  - The system will need to include hypertext transfer protocol secure.
  - The system will need to include a username and password to ensure a secure connection.



- The system will need to log any data for the case of information loss.
- *Interface Requirements*
  - The system will need to fit on mobile browsers.
- *Physical Requirements*
  - The system will need to be hosted on a computer.
- *Supportability Requirements*
  - The system will need to connect to all web browsers.

## **Glossary**

- Courier
  - A company or employee of a company that transports commercial packages and documents.
- Client
  - Company paying for the courier's service for delivering their items.
- Package
  - An object or group of objects wrapped in paper or plastic, or packed in a box.
- Parcel
  - A thing or collection of things wrapped in paper in order to be carried or sent by mail.
- Delivery
  - The action of delivering letters, packages, or ordered goods.



- Placing Order
  - Action of customers calling On the Spot or getting on the website to request their service.
- FURPS+
  - An extension of FURPS that includes design constraints as well as implementation, system interface, physical, and supportability requirements.
- Cloud Computing
  - The practice of storing regularly used computer data on multiple servers that can be accessed through the Internet.
- System
  - A set of things working together as parts of a mechanism or an interconnecting network.
- Log
  - Make a systematic recording of events, observations, or measurements.
- Hypertext Transfer Protocol Secure
  - A variant of the standard web transfer protocol (HTTP) that adds a layer of security on the data in transit through a secure socket layer (SSL) or transport layer security (TLS) protocol connection.

#### Works Cited

*Cambridge Dictionary*, [dictionary.cambridge.org/us/dictionary/english/](https://dictionary.cambridge.org/us/dictionary/english/).

*Merriam-Webster*, Merriam-Webster, [www.merriam-webster.com/dictionary/](https://www.merriam-webster.com/dictionary/).



“What Is HTTPS? - Definition from Techopedia.” *Techopedia.com*,

[www.techopedia.com/definition/5361/hypertext-transport-protocol-secure-https](http://www.techopedia.com/definition/5361/hypertext-transport-protocol-secure-https).