Cycle Universe



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**Introduction**

Cycle Universe is a brick and mortar bike shop.

**Current Situation**

Cycle universe is a bike store that has a large catalog of bikes of different types. It’s a retail location where you can find Mountain Bikes, Electric Bikes, Touring Bikes and also City Bikes.

**Problem Definition**

People don't visit the store as often as before, so the number of clients has decreased.

**Project Goal**

The goal is to help the company not to go bankrupt with the help of a software solution.

**Deliverables**

* Web application that allows customers to browse and purchase bikes online
* A desktop application to manage the inventory
* Weekly progress reports
* Source Code
* Final project report

**Non-Deliverables**

* Delivery of bikes to customers
* Elements of a computer

**Constraints**

* The project must be completed within 18 weeks(February 1 - July 7)
* The web application must be compatible with modern web browsers(Google Chrome)
* The desktop application must be compatible with Windows 10/11 operating systems

**Phasing**

