Vision and Scope Document

for

Bike Configuration

**Version 1.0 approved**

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**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| Initial scope for project | 03.04.2019 | Necessity to describe business requirements, vision for the solution, establish project priorities | 1.0 |
|  |  |  |  |

# Business Requirements

Our customer Norway Bicycle Company wants us to provide a convenient tool for sale managers. New application should be a web-site that allows to create client’s bike configurations, review saved items and select one to order.

## Background

For now, sellers manage client orders manually in Excel. This workflow is not data safe and not user-friendly.

## Business Opportunity

Our purpose is to provide user interface for commands which sellers need avoiding operating with data directly. The application will simplify order management for company. Also, it allows to keep track of client order status. It will improve client service and increase profits of company.

## Business Objectives and Success Criteria

The website should provide better experience of managing orders for users (salesmen) therefore each salesman will be able to process more orders. This will decrease the amount and possibility of any mistakes. Also, customers will have better communication experience while making orders. This will make ordering process more transparent and user friendly.

Acceptance criteria:

1. Average ordering time is decreased by 20%;
2. Time of training for new employees is decreased by 20%;
3. Number of human errors is decreased by 80%;
4. Data transactions time is decreased by 90%;

Meeting these criteria will lead to much faster performance at each stage of ordering.

As there will be less effort needed productivity should increase at least by 50%.

## Customer or Market Needs

Web-site that allows to create client’s bike configurations is pretty new to the world’s market. By making this website specialized on one type of the product it will become the best choice of similar available instances on the market.

## Business Risks

*There are a few of them:*

* *Only implementation of basic workflows may be completed till first release*
* *There is lack of requirements in several areas of app*

*Risk mitigation actions that could be taken:*

* *Split requirements in several releases and implement basic workflows before first one*
* *Communicate with stakeholders for requirements clarifications*

# Vision of the Solution

Our goal is to be the most customer centric company in Norway; to build a place where people can come to find and discover any bicycle they might want to buy.

## Vision Statement

Our vision is to be the fastest growing and transformative bike company of the 21st century by driving the world to be healthy.

## Major Features

Features and functional requirements:

1. Select bike
2. Add details
3. Add accessories
4. Authentication and authorization
5. Review list of ordered bikes

|  |  |
| --- | --- |
| **Type** | **Non-Functional Requirement** |
| Customer Experience | Customer notifications will comply with the corporate style guide. |
| Information Security | The system will comply with corporate data protection and network security directives and standards. |
| Information Technology | The system will be designed for high availability according to our corporate principles and standards for reliability engineering. |
| Operations | Operations management will be trained in the new system. |

## Assumptions and Dependencies

No dependencies found yet.

# Scope and Limitations

This project will consist of creating a bike configuration based upon the list of available details and accessories. The project will be completed by May, 2019. Interface of the application will include a simple shopping for sellers and clients.

## Scope of Initial Release

1. User authorization and authentication
2. Select bike
3. Add details
4. Pick up some accessories
5. Calculate sum of the order
6. Possibility to include discount
7. Order configuration
8. Review the list of orders

## Scope of Subsequent Releases

* Export orders to Excel
* Import orders from Excel
* Other external storage integrations

## Limitations and Exclusions

Stakeholders discussed feature to track order status, but it was not planned to be included in the new product.

# Business Context

This website will be used by salesmen and orders data can also be processed for integration with other services in the future.

## Stakeholder Profiles

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Stakeholder*** | ***Major Value*** | ***Attitudes*** | ***Major Interests*** | ***Constraints*** |
| *executives* | *increased revenue* | *see product as avenue to 25% increase in market share* | *richer feature set than competitors; time to market* | *maximum budget = $2M* |
| *sellers* | *quick customer service* | *Performance and user-friendly interface* | *ability process large amount of orders efficiently* | *no limitations* |

## Project Priorities

|  |  |  |  |
| --- | --- | --- | --- |
| ***Dimension*** | ***Driver (state objective)*** | ***Constraint (state limits)*** | ***Degree of Freedom (state allowable range)*** |
| *Schedule* | release 1.0 to be available by 13/05/19, release 1.1 by 23/05/19 |  |  |
| *Features* |  |  | 70-80% of high priority features must be included in release 1.0 |
| *Quality* |  |  | 70-85% of user acceptance tests must pass for release 1.0, 95-98% for release 1.1 |
| *Staff* |  | *maximum team size is 6 developers + 4 testers* |  |
| *Cost* |  | Budget shall not exceed $2 million without approval of the board of directors. | *.* |
| *Facilities & Infrastructure* |  | The project team will use existing office space and IT infrastructure such as computing equipment and networks. |  |

## Operating Environment

* *Are the users widely distributed geographically or located close to each other? How many time zones are they in? -* The website will be used by Norway market
* *When do the users in various locations need to access the system?* - The website will be used only on defined working hours
* *Are specific maximum response times known for accessing data that might be stored remotely? -* Response time is not critical for order process
* *Can the users tolerate service interruptions or is continuous access to the system critical for the operation of their business? -* Acceptable
* *What access security controls and data protection requirements are needed? -* Basic authorization and authentication