Requirements Engineering 2017

Group 3 project

Members

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Contents

Page 3 Vision Statement

Goals of the system

User roles

Page 4 Personas

Page 5 Non functional requirements

Page 6 Minutes of meetings

Other project resources uploaded to blackboard:

Visual Paradigm project with glossary, business rules, use case diagram, flow of events. Title Group3SDEVE

Vpository file with user stories, activities, tasks, features and sprints

Pencil project prototype. Cloud entry point: <https://helendaly.vpository.com>

(can use Helens login in case of problems : helen.daly@mycit.ie)

Project title Group3

Password group3

1. Vision Statement

Parcel express is a product for frequent on-line shoppers who want to avail of lower prices with on-line UK retailers that won’t deliver to Ireland and without the high delivery costs.

Parcel express is a parcel delivery service that wants those on-line shopping obstacles and simplify the process for the customer

Parcel express use a system of virtual addresses to avail of lower delivery prices combined with convenient collection and delivery drop of points and only line tracking.

Parcel express is a joined-up way of delivering to and from England at a price matched to be lower our competitors

1. Goals of the system

2.1. Be a more cost-efficient way of collect return and send parcels to the UK.

2.2. Provide company with the ability to track parcels and couriers.

1. User Roles

3.1. Customer

3.2. Courier

3.3. Manager

3.4. Administrator

Personas

Manager

|  |  |  |
| --- | --- | --- |
| Sharon | Sharon is 39  Has 2 poodles  Has worked for parcel express for 10 years  6 as a manager | This app allows Sharon  To track deliveries  Track couriers  Make enquires for customers |

**Administrator**

|  |  |  |
| --- | --- | --- |
| Janusz | Married, 2 kids and dog  10 yrs experience working with parcel delivery  After work play in heavy metal group on guitar.  In past had gambling problem. | Use app to route and schedule parcels |

**Persona Courier**

|  |  |  |
| --- | --- | --- |
| Dave | Single, hates job, worked for delivery companies for too long | Use app to check and make deliveries and collections |

Persona Customer

|  |  |  |
| --- | --- | --- |
| Maciej | Maciej is originally from Poland  Married 1 child  Mature student | Parcel express allows Maciej to shop for figures unavailable in Irish stores. |

4. Non-Functional Requirements.

The booking system and customer log in must be accessible to all customers on the web 24-7 in all browsers.

Customers must be able to create an account in under 10 minutes.

Each customer must have a unique and persistent record.

The couriers must have real time access to new pickups to ensure efficiency.

The system must be available to couriers to access every working day 7am to 9pm.

The system must record length of journey, vehicle used and courier for any delivery.

The system must record number of parcels delivered and collected for each express container

The system must record number of stops for each courier for each day.

The system must specify estimated delivery times at each container in each day’s schedule.

The system must be accessible across all operating systems.

If any part of a collection container is not accessible to any persons, i.e. wheelchair users, the system must be able to allow for these restrictions.

6. Meeting minutes

Meeting 1 Date: 10th November 2017 Manager: Maciej

Decided roles : Dave – Manager, Maciej – customer, Janusz – administrator, Helen - courier

Divide up weekly deliverables:

Dave – vision statement, goals

All - Personas and use case diagrams

All – brainstorm non functional requirements

Helen – glossary

Maciej – business rules

Meeting 2 Date: 17th November 2017 Manager: Dave

Review last weeks deliverables.

Decided to revise use case diagram after consult with Deirdre

All – complete pencil

Meeting 3 Date: 24th November 2017 Manager: Janusz

Helen to create file in shared vPository

All – brainstorm tasks

Go over each others personas and discuss next week.

Meeting 4 Date 2nd December 2017 Manager: Helen

Dave to create sprint in Vpository

Helen to add notes

Janusz to complete work on pencil

All – review user stories and sprints