

Decentralized Shipment

Mehmet Kadri GOFRALILAR
Hasan Ali ÖZKAN

MSKÜ

mehmetkadrigofralilar@posta.mu.edu.tr

hasanaliozkan@posta.mu.edu.tr

May 1, 2022

Overview

- Problem and Definition of Requirement
- Proposed Model
- Original Value
- Widespread Impact
- Team Members and Roles
- Work Packages

Problem and Definition of Requirement

- Customers usually suffer from receiving their orders damaged or incomplete. Sometimes they do not even receive their orders at all. But they still are treated as if they have received their order perfectly.
- In case of order cancel, everyone in the system (seller, shipping company employees, customer) wait for the cancelling process to be confirmed, which takes too much time. This waiting process means wasting time and not being able to use the cost of order for a few days (which might be critical).

Proposed Model

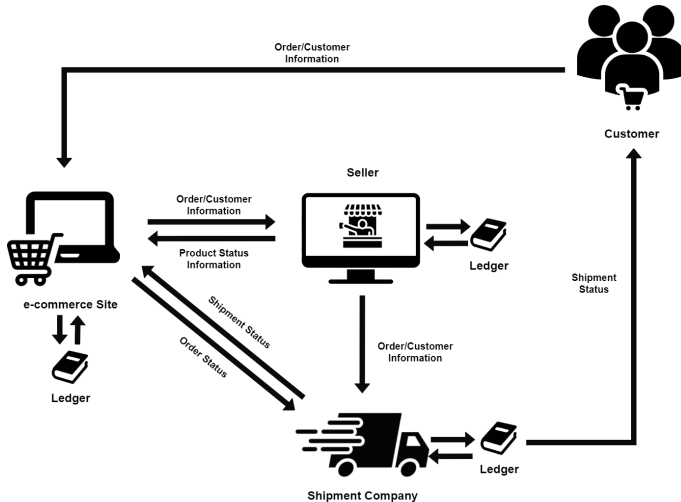


Figure: Decentralized Shipment System Model

- Existing studies are all about supply chain and shortening its process time. But in this project, we will be bringing a new approach to literature that will be focusing on delay due to cancelling process and also the suffering of the customers about poor care during shipment process.

Widespread Impact

- This system will protect customers by making sure that they received their order in one piece. If that is not the case, being able to detect the guilty party clearer and faster will be also a part of the solution.
- In case of order cancel, this system will allow the cancelling procedure to be completed faster, without making everyone in the system (seller, shipping company employees, customer) wait.

Team Members and Roles

- Mehmet Kadri GOFRALILAR
 - Work Package 2, 4
- Hasan Ali ÖZKAN
 - Work Package 1, 3

Work Packages

| WP NO. | Names and Objectives of Work Packages | Participants | Time Interval | Success Criterion and Contribution to Succes of Project |
|--------|---------------------------------------|-------------------------|---------------|---|
| 1 | Developing Smart Contract | Hasan Ali ÖZKAN | 1 week | The base of the project will be created. Contribution to Succes of Project: 20% |
| 2 | Designing UI | Mehmet Kadri GOFRALILAR | 1 week | A user friendly UI will be designed. Contribution to Succes of Project: 20% |
| 3 | Testing | Hasan Ali ÖZKAN | 3-4 weeks | Smart contracts and UI will be tested in terms of security and usability. Contribution to Succes of Project: 30% |
| 4 | Building the System | Mehmet Kadri GOFRALILAR | 1-2 weeks | A part of the system will be usable. Contribution to Succes of Project: 30% |

Thanks. Questions and answers ...

Thank you for your time.