

Requirement Analysis Report

1-INTRODUCTION

1. a- Project Title: Pinti.com

1. b- Project Definition: Pinti.com is an e-commerce website that is one of the most common sectors at the present time.

1. c- Project Goal: To learn software engineering techniques, project management, teamwork, using GitHub as a team.

1. d- Project Scope:

- Cheaper, simpler and trying to market the company's products quickly.
- Quick shopping, price comparison and that consumers looking for more variety.
- No need for the company to win money individual sellers can sell their products.

Simple user interface, individual sales opportunities, establishing a direct connection messaging application with the retailer price Pinti.com prefers to draw its own budget with the possibility of the recipient.

1. e- Application Areas: Commerce, trade, research

1. f- Background: Such as eBay and Amazon, identifying the technology used here examine the site, examining the design and operating principles.

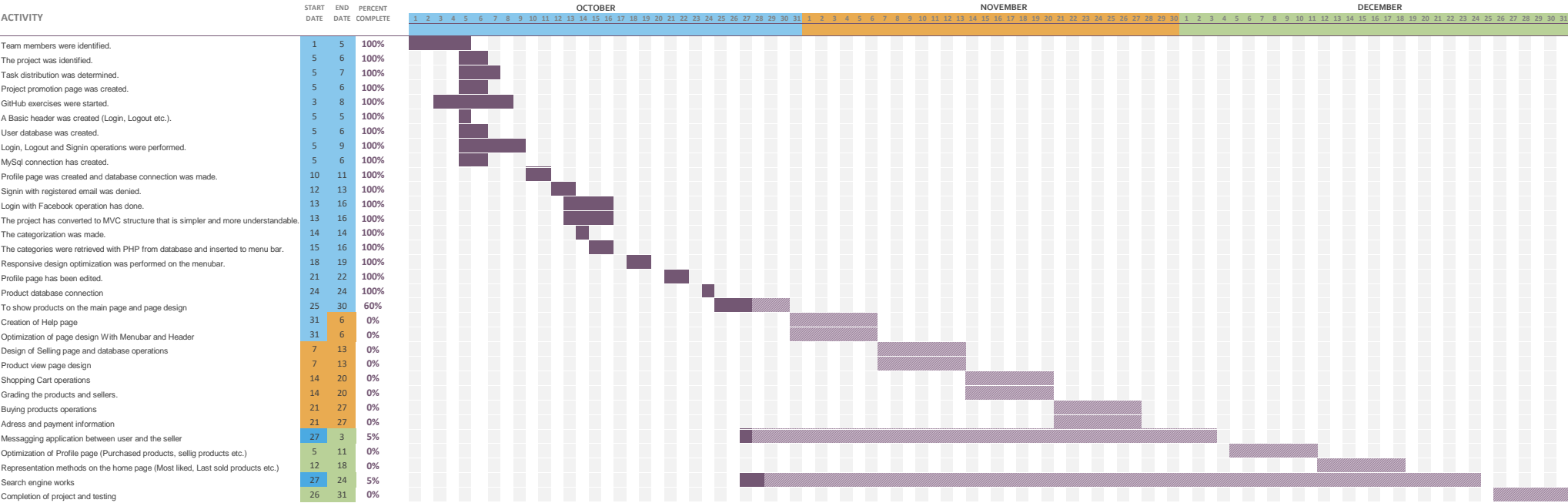
2-TEAM ORGANIZATION

- **Kaan TAŞ** – Back-end Developer and UI Designer
- **Oğuzhan ÖZAVCI** – Back-end Developer and UI Designer
- **Can CANBAY** – Back-end Developer
- **Mustafa AYYILDIZ** – Front-end Developer and Message Application Work
- **Oktay Davut KAYA** – Front-end Developer and Message Application Work
- **Hüseyin GÜNAYDIN** – Database Management and Search Engine Work
- **Rasim ÖNER** – Database Management and Search Engine Work

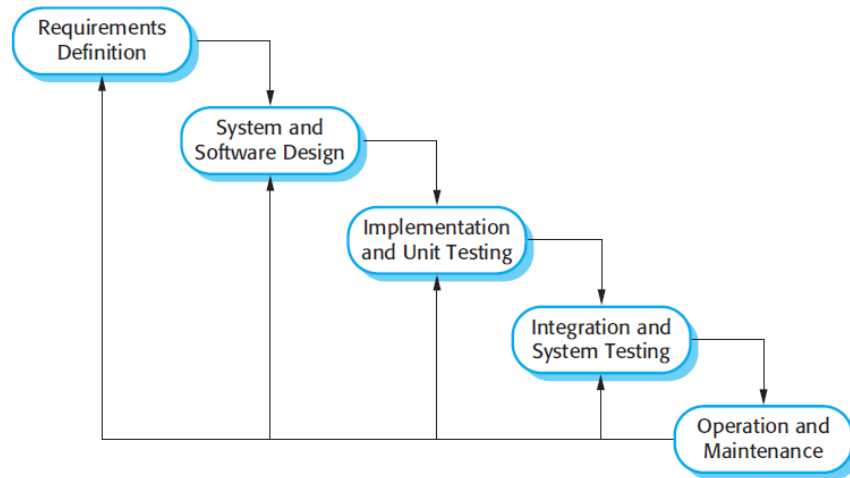
Pinti Project Schedule

Actual Period

Actual % Complete



4-PROCESS MODEL



Waterfall Model

We prefer waterfall model because;

- We can analyse and define requirements earlier and Pinti.com is similar to common e-commerce websites,
- We should work depends on an exact schedule and waterfall model is a process visible model,
- We can make the design of software and system in a short time because there are many e-commerce websites examples,
- Waterfall model is easy to manage because every phases are distinct,
- Waterfall model is a simple model that is easy to use and to understand.

5-SYSTEM REQUIREMENTS

a) Functional Requirements

Users trade in Pinti.com.

People analyze a lot of products and compare them with another websites.

People search products on search engine.

Customers message and negotiate with sellers.

Categories help to find the desired product in an easy way.

Users log in with their Facebook accounts.

Users can follow own selling and buying operations in own profile pages.

Users can see in main page most liked and last sold products.

Users can grade sellers and products.

People can recieve help from Help page about Pinti.com.

People can get information about Pinti.com project and company team from About Us page.

Users can buy different products with own carts.

b) Non-Functional Requirements

1. Performance

The system can be used simultaneously by several users.

Answers that are obtained by search engine must be in short time.

Pinti.com database has a huge limit of registers.

2. Security

Passwords should record to database with md5 format.

Mails of users should record to database with mail format to avoid data loss.

If the users forget the own passwords, they can use “forgot my password”

button and they can answer own secret question, so they can obtain a new password.

3. Usability

Every user can make sell.

Header, menu bar and search engine show on the all pages.

Users cannot sign up because of the existing email in the system.

While a user sign up to Pinti.com, the user must fill in all areas in the form.

While a user sign up to Pinti.com, the user must enter a password that is greater than 8 digit.

There is a 250 character limit in the message application between seller and customer.

4. Availability

Users can login in the system during the login time.

The users can add desired products to own carts, even though they log out, then they log in the website, the carts still remain.