

Al-Blaqaa Applied University



GRADUATION PROJECT

Title: UniHub.

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Summer
2023/2022

Acknowledgments

I like to express my deepest gratitude to almighty Allah for giving me the power to complete my project, as I would like to express my very great appreciation to Al- Balqaa Applied University for granting me the opportunity to be here. I am particularly grateful for the assistance given by my dearest doctors at the University and I wish to acknowledge the supervision provided by my valuable Supervisor Dr. Atef Obeidat, for his patient guidance, enthusiastic encouragement, and useful critiques of this work.

Abstract

This web application is considered important to the people who will use it as it will save time and effort for both who want to buy any items that will help with the studying journey and any student who want to sell or give there items to communicate easily with the each other.

Chapter 1: Introduction

1.1 Problem Statement

Generally in Jordan there's no official platform for students to specifically exchange books, materials and other things, and they always found it hard to reach the -maybe- one person who has exactly what they're looking for.

1.2 Solution

My main goal was helping -my like self- students to rapidly find what ever (student needs) they looking for, however there a 3 goals I'm hoping to reach by launching my website.

Goal 1: make it easy to every and each student to connect with each others.

Goal 2: some student gonna find a way to make some money selling or renting goods.

Goal 3: make a perfect community gathering colleges students and ONLY colleges students.

1.3 Project Objectives

The main objective of the project is: *“To develop a comprehensive system that allows to the user who wants to exchange items”*.

1. Reduce the search time.
2. Reduce the effort in the search process.
3. Improve communication between buyer and seller.
4. Enables student to communicate anytime and easily, anywhere in Jordan.

Chapter 2: Literature Review

2.1 Summary

Every year the number of new pets increases, which means an increase in the adoption process, more effort, and more time spent searching for a person who wants to adopt or a pet for adoption. Therefore, there must be many online sites for adoption in Jordan.

Chapter 3: Methodology

3.1 Overview

The UniHub site has been designed and developed to ease the buy and sell process and to save users time and effort.

3.2 System Requirements

Listed below are the functional requirements and non-functional requirements of the system.

A. FUNCTIONAL REQUIREMENTS

No	Requirement Description
1	The website allows users use it without sign in
2	The website allows admins to sign in
3	The website allows admins to manage it.
4	The website allows admins to access every detail of each request.
5	The website allows users to connect directly

B. NON-FUNCTIONAL REQUIREMENTS

No.	Requirement Description
	Ease of use: The website is user-friendly, simple, and responsive
	Savings: The site provides both those who want to re-adopt their pets and users who want to adopt time and effort.
	Safety and confidentiality: No one is allowed access to user requests information other than the authorized body, who are admins.

3.3 Tools

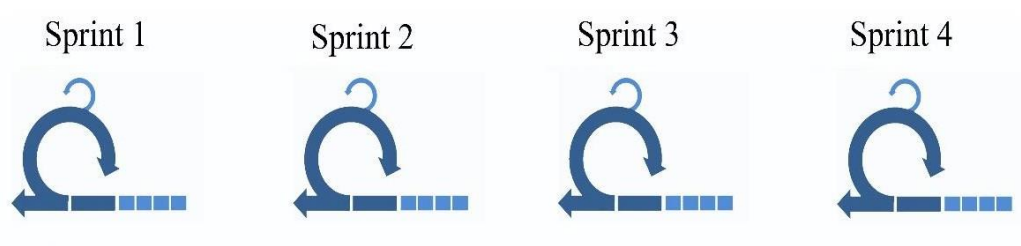
No	Tools Utilized
1	Visual Studio Code
2	PhpMyAdmin – MySQL
3	Xampp
4	Figma
5	GitHub
6	Git
7	

3.4 Programming Languages

No	Website
1	HTML5
2	CSS3 – Bootstrap
3	JavaScript
4	PHP / Laravel
5	MySQL

3.5 Methodology Process

UniHub Website has been developed based on the Scrum framework. It has been generated based on 4 sprints, where a sprint is the basic unit of work for a Scrum team. This is the main feature that marks the difference between Scrum and other models for agile development.



The table below demonstrates how Adopt Pet website has been developed in detail using the Scrum framework to show how each step has been conducted.

The number of sprints:	Sprint 1	Sprint 2	Sprint 3	Sprint 4
Duration of each sprint:	1 Weeks	1 Weeks	2 Weeks	1 Weeks
Date:				
Product Backlog	Front End Public Site Style	Front End Dashboard Style	Back End for the dashboard	Back End for the website

Chapter 5: Experiments and results

5.1 Overview

UniHub Website has been subjected to several tests to reach the highest accuracy, assurance, and safety and to ensure that the system runs properly.

5.2 Testing Methodologies

Logging in to the UniHub Website, when clicking the login button, without entering data, or valid data, an error notification will be shown, to let the user know that the login request was denied.

Projects Features:

1. The website implements SEO.
2. The website considers UX/UI design principles.
3. The website is fully responsive.
4. The website contains quiet animations.
5. The website considers security by hashing strong passwords and activating the authorization demanding the user's role.
6. The website is essentially free for social impact purposes.

System Type:

Web Application.

Layout and Visual Identity:

Theme's colors:

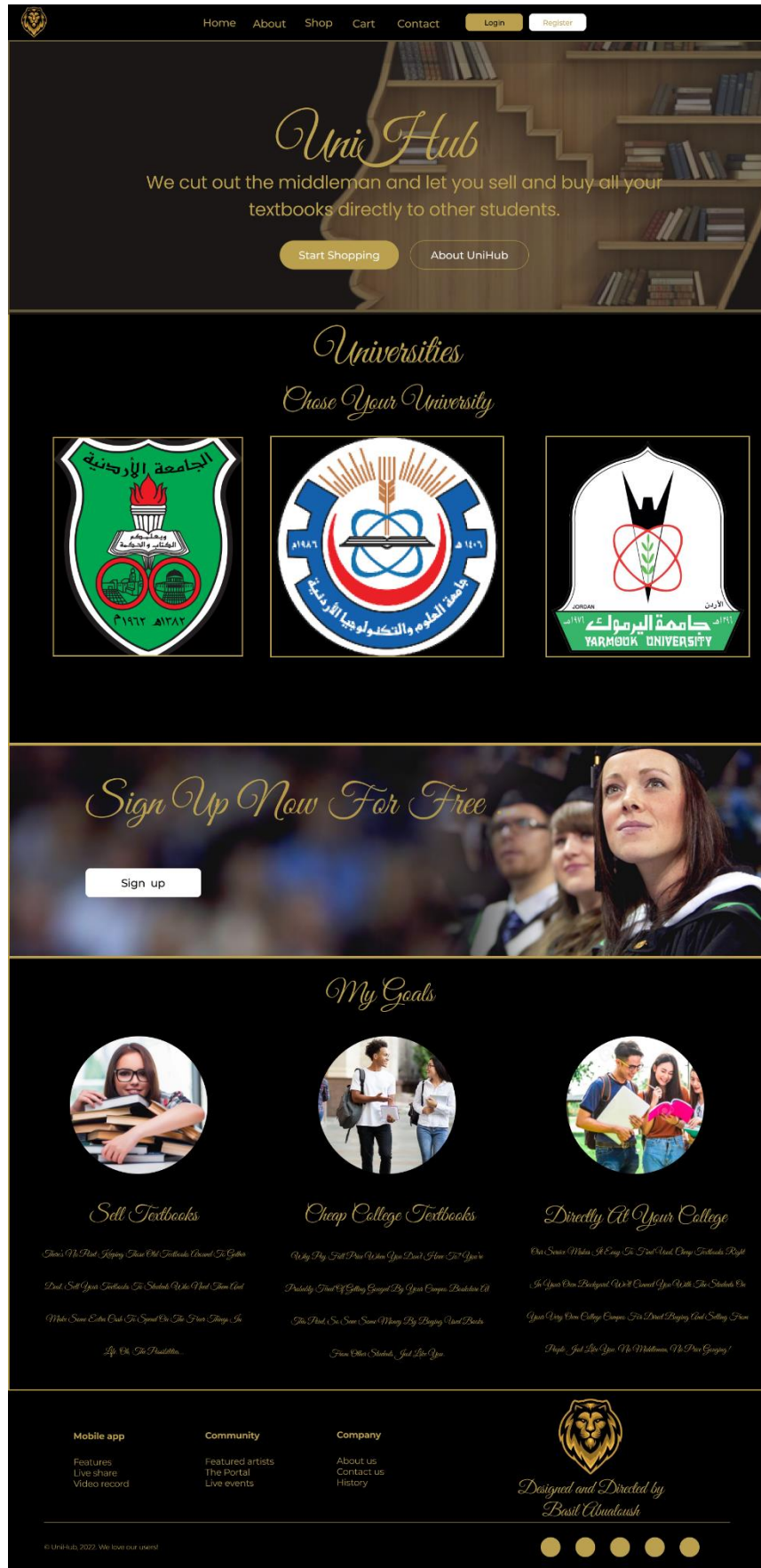
Hex colors: #000000

#bba14f #FFFFFF

Logo:



Mockup:



1. Landing Page:

Database Diagram:

Provided upon request.

Users Role:

1. **Admin:** manage website, add university, add items,manage
content in admin dashboard pages.

Future work:

1. The possibility of choosing the language of the site.
2. Registration system for users to start using website without the need to reach to the admin.