

Kurva Photography

Software Engineering

ITSC-3155

Final Project Report

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1. Introduction

We are addressing the issue of the individuals being unaware of where to find specific details on a photographer as well as showcasing the work of the photographer. Our audience values getting the car shoot of their dreams. This website will be beneficial in which they will be

able to see the kind of work they can expect from the photographer. They will be able to create an account, and book and cancel shoots directly from the website. Having this website will allow for questions to be answered without having to contact the photographer every time.

This website will be very beneficial to its users being people who are interested in having a car photography shoot. In the short term, it will be helpful for the photographer so only people genuinely interested are reaching out to him, as well as the long term it may help grow his audience. Having this website will allow users to have a place to go to and get their questions answered. Utilizing effective branding and appealing to the audience.

1.1 Project Description

What is the purpose of this project?

The purpose of this project is to create a product that can be used to better advertise photographers and digitalize the experience. This product will not only make booking shoots and viewing photos a lot easier, but it will also help photographers grow their audience in the region they work in.

1.2 Product Vision/Scope

This subsection should:

(1) Identify the software product(s) to be produced by name, for example, online mobile store

Kurva Photography website

(2) Explain what the software product(s) will, and, if necessary, will not do.

These software products will allow for users to book shoots, cancel shoots, create profiles, and view the photographer's work directly from the website.

(3) Describe the application of the software being specified. As a portion of this, it should:

(a) Describe all relevant benefits, objectives, and goals as precisely as possible. For example, to say that one goal is to provide effective reporting capabilities is not as good as saying parameter-driven, user-definable reports with a 2 h turnaround and on-line entry of user parameters.

(b) Be consistent with similar statements in higher-level specifications (for example, the System Requirement Specification), if they exist. What is the scope of this software product?

1.3 User Stories

User Stories need to be listed here.

As a	Administer	I would like to	Observe the site	So that	I can visit whos visiting the site
As a	Event Planner (Booking)	I would like to	Check my bookings	So that	I can take photographs of my customers.
As a	User	I would like to	Check the website	So that	I know what's new onboard
As a	Customer	I would like to	make/cancel bookings	So that	I can book an event
As a	Service authenticator	I would like to	Make users login to their account	So that	The users can stay logged in.
As a	User	I would like to	Check my gallery	So that	I can know how my pictures are organized
As a		I would like to		So that	

1.4 Requirements and Features

User Profiles

Create profile feature

Create booking feature

Cancel booking feature

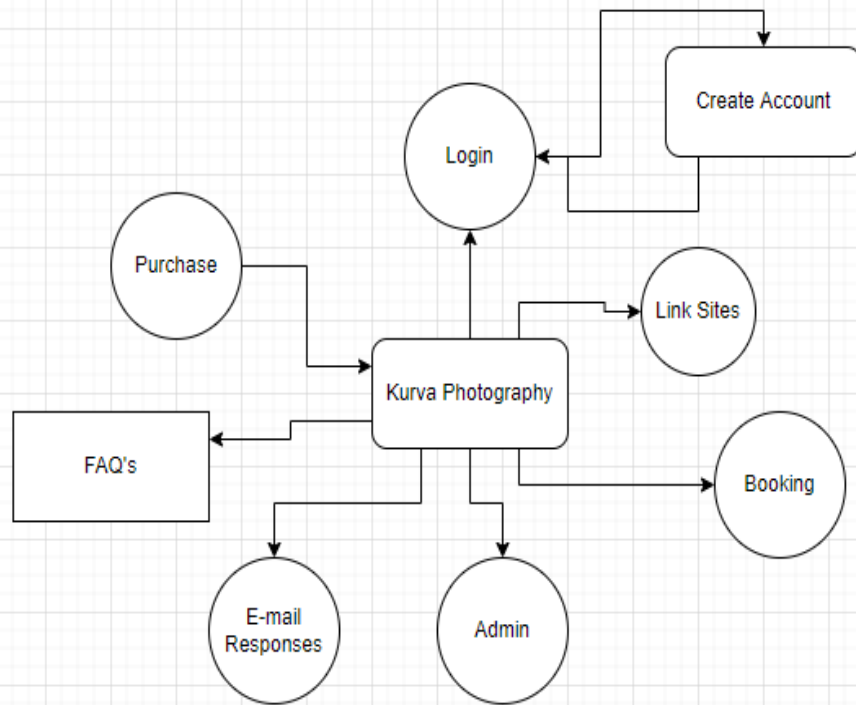
View gallery Feature

Search photos feature

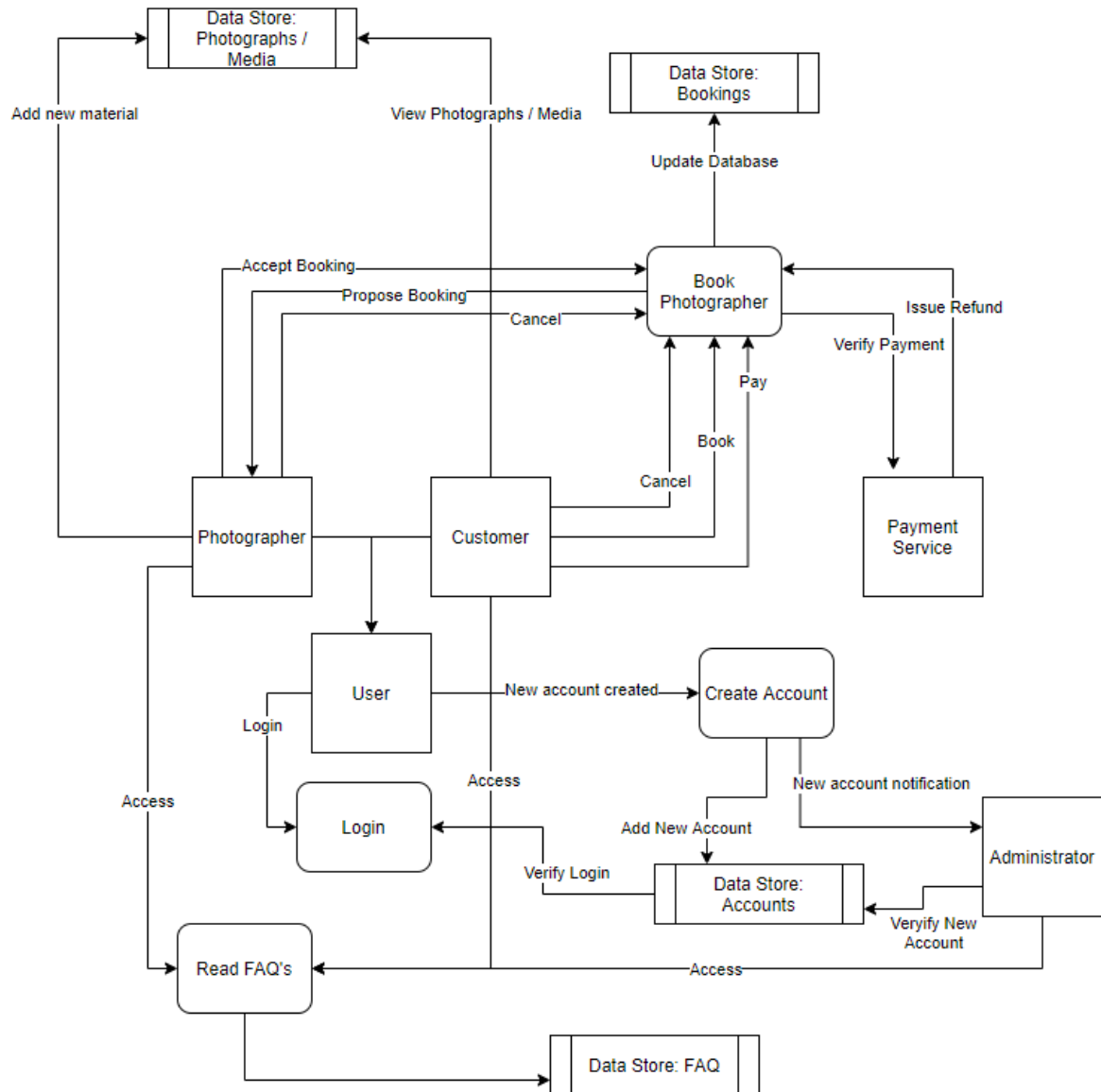
Visit Social medias feature

1.5 Context Diagram and DFD

Context Diagram



Data Flow Diagram



1.6 Abstract Use Cases and Use Case Diagram

This subsection should:

(1) Abstract Use Cases

USE CASE NAME:	Login	USE CASE TYPE Abstract: <i>p</i> Extension: <i>o</i>
USE CASE ID:	G_001	
PRIORITY:	Medium	
INVOKED BY:	Login button	
PARTICIPATING ACTORS:	Users with profiles made	
DESCRIPTION:	Returning users with a profile already created	
PRE-CONDITION:	Must have created new profile	
TYPICAL COURSE OF EVENTS:	Step 1: Click login button	
	Step 2: Page redirects to login page	

	Step 3: User must enter login information
	Step 4: System checks user database to verify information
	Step 5: User is logged in
ALTERNATE COURSES:	Step 5a: Info was wrong, and user is prompted to attempt login again
POST-CONDITION:	User is now logged into the system

USE CASE NAME:	Logout	USE CASE TYPE Abstract: p Extension: o
USE CASE ID:	G_002	
PRIORITY:	Medium	
INVOKED BY:	Logout button	
PARTICIPATING ACTORS:	Logged in users	
DESCRIPTION:	Logged in users can sign out	

PRE-CONDITION:	<i>Must be logged in</i>
TYPICAL COURSE OF EVENTS:	Step 1: <i>Click logout button</i>
	Step 2: <i>User is logged out</i>
ALTERNATE COURSES:	<i>Step 2a: Error not signed in</i>
POST-CONDITION:	<i>User is signed out</i>

USE CASE NAME:	Book session	USE CASE TYPE Abstract: p Extension: o
USE CASE ID:	G_003	
PRIORITY:	High	
INVOKED BY:	Book session tab	
PARTICIPATING ACTORS:	Users signed in	

DESCRIPTION:	<i>Logged in users can schedule a photo shoot</i>
PRE-CONDITION:	<i>Must have an account</i>
TYPICAL COURSE OF EVENTS:	Step 1: <i>Click on book session</i>
	Step 2: <i>Page redirects to scheduling</i>
	Step 3: <i>User is prompted to pick an available time slot on an open day</i>
	Step 4: <i>User submits the booking</i>
ALTERNATE COURSES:	Step 4a: <i>No booking times available currently</i>
POST-CONDITION:	<i>User has a booked session</i>

USE CASE NAME:	<i>Cancel session</i>	USE CASE TYPE <i>Abstract:</i> <i>p</i> <i>Extension:</i> <i>o</i>
USE CASE ID:	<i>G_004</i>	
PRIORITY:	<i>Medium-High</i>	

INVOKED BY:	Cancel session button	
PARTICIPATING ACTORS:	Logged in users with a session already booked	
DESCRIPTION:	Logged in users can cancel a booked session if needed	
PRE-CONDITION:	Be logged in with a session booked	
TYPICAL COURSE OF EVENTS:	Step 1: click cancel booked session button	
	Step 2: confirm the cancelation	
	Step 3: appointment canceled	
ALTERNATE COURSES:	Step 2: no booked sessions to cancel	
POST-CONDITION:	Session is canceled	

USE CASE NAME:	Search photos	USE CASE TYPE Abstract: <i>p</i>
USE CASE ID:	G_005	

PRIORITY:	Low	Extension: 0
INVOKED BY:	Typing in a search bar	
PARTICIPATING ACTORS:	Any user	
DESCRIPTION:	User can search through photographer's portfolio	
PRE-CONDITION:	Click on search bar	
TYPICAL COURSE OF EVENTS:	Step 1: Click on search bar	
	Step 2: Enter search conditions	
	Step 3: website loads pictures related to search tags	
ALTERNATE COURSES:	Step 3a: No photos with searched tag	
POST-CONDITION:	User finds photos the searched for	

USE CASE NAME:	Buy photo	USE CASE TYPE
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USE CASE ID:	G_006	Abstract: <i>p</i> Extension: <i>o</i>
PRIORITY:	High	
INVOKED BY:	Purchase photo button	
PARTICIPATING ACTORS:	Any user	
DESCRIPTION:	Any user can purchase from the portfolio while logged in users have the option to also buy photos from booked sessions	
PRE-CONDITION:	None	
TYPICAL COURSE OF EVENTS:	Step 1: Click purchase photo	
	Step 2: website checks for bank information	
	Step 3: confirm purchase	
	Step 4: User receives photo	
ALTERNATE COURSES:	Step 2a: No bank info found redirect to insert bank info	
	Step3a: Not enough funds found	

POST-CONDITION:	<i>Photo purchased</i>
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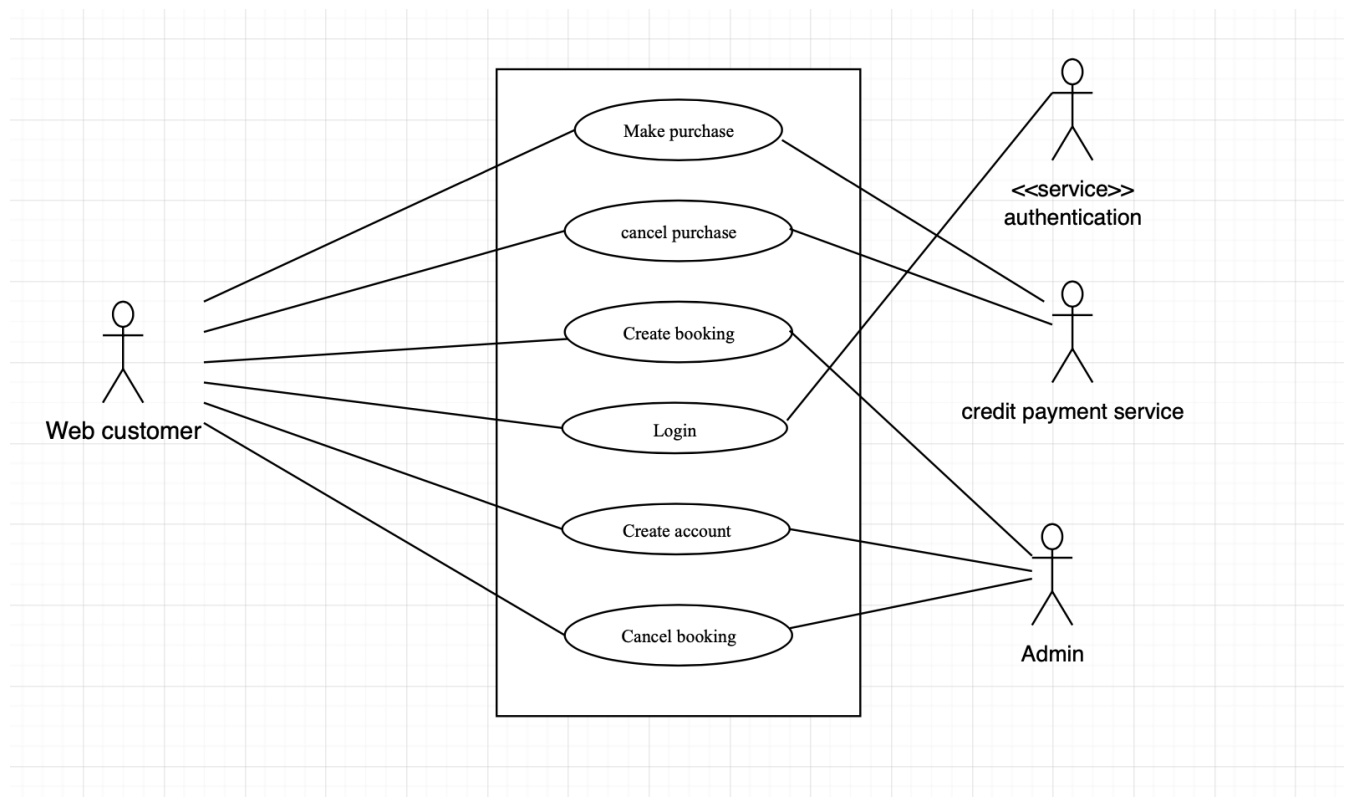
USE CASE NAME:	View profile	USE CASE TYPE Abstract: b Extension: o
USE CASE ID:	G_007	
PRIORITY:	Low	
INVOKED BY:	Profile button	
PARTICIPATING ACTORS:	Logged in users	
DESCRIPTION:	Logged in users can view profile	
PRE-CONDITION:	Must be logged in	
TYPICAL COURSE OF EVENTS:	Step 1: User clicks profile button	
	Step 2: website redirects to logged in users' profile	

ALTERNATE COURSES:	<i>Step 2a: not signed in</i>
POST-CONDITION:	<i>User can view their profile</i>

USE CASE NAME:	Create new profile	USE CASE TYPE Abstract: b Extension: o
USE CASE ID:	G_008	
PRIORITY:	High	
INVOKED BY:	Create new profile button	
PARTICIPATING ACTORS:	New users	
DESCRIPTION:	New users can make an account	
PRE-CONDITION:	Not have an account already made	
TYPICAL COURSE OF EVENTS:	Step 1: Click on create new profile button	
	Step 2: Website redirects to create profile page	

	<i>Step 3: User enters email and creates password</i>
	<i>Step 4: System checks if email has already been used</i>
	<i>Step 5: New account is made</i>
ALTERNATE COURSES:	<i>Step 4a: Account already made with this email</i>
POST-CONDITION:	

(2) Use Case Diagram



2. Sprints

Efforts

User Story (Requirement) Tasks	Assigned To	Estimated Time of Research	Actual Time of Research	Estimated Development Effort	Actual Effort
System Modeling	Dylan	1 hr	1:30 hours	medium	medium
Task 1. Context Diagram	Shashank	45min	40min	Medium	High
Task 2. DFD	Zachary	1hr	1hr	High	High
Task 3. Use Cases	Dylan	1hr	1hr	High	High

Task 4. Use Case Diagram	Sara	30 min	30 min	medium	medium
User Interfaces	Sara				
Task 1. Main Interface	Zach + Shashank	6 hrs	N/A	High	N/A
Task 2. Gallery View / Subject Search view					
Payment System					
Task 1. Find a reliable company to handle this					
Task 2. Implement their system on our website					
Databases					
Task 1. Design Database					
Task 2. Create Database					
Task 3. Create link between DB and Website					

3. User Interfaces

User Interfaces:

Add screenshots or Design of user interfaces

KURVA

Login / Create Account

CAR PHOTOGRAPHY + VIDEOGRAPHY

ABOUTGALLERYCONTACTFAQ'sINSTAGRAMBOOK ME

ABOUT

ABOUTGALLERYCONTACTFAQ'sINSTAGRAMBOOK ME

BOOK ME

Name*

Email Address*

What do you have in mind*

Date*

mm/dd/yyyy

What are you interested in booking:

Regular Car Shoot

Submit!

4. Test Plan

4.1 What needs to be tested

Actor	Action	T/F
User	Create Account	
Administrator	Verify Account	
Photographer	Add to Gallery	
Customer	View Galleries	
Customer	Create Booking	
Photographer	Accept Booking	
Customer	Pay for Booking	
Payment Service	Verify Payment	
Photographer	Cancel Booking	
Customer	Cancel Booking	
Payment Service	Issue Refund	
All	Access FAQ	