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| **Tattoo Appointment System Report** |
| **Second Year Project** |
| **Created by** |
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Project Goals

Our goal is to have a fully functioning website where users can browse sample tattoos and register and book an appointment with their preferred tattoo artist. It will have a secure login system, hopefully involving several different roles with different access privileges. It will have an integrated visual calendar to display available appointment slots and assisting in the booking of an appointment. It will allow our tattoo artists to upload samples of their work to the gallery and manage their appointment scheduling. Our key users will be people with an interest in getting a tattoo, either just browsing our available artists and tattoos or booking an appointment. Another key user would be our tattoo artists. If possible we would also like an online payment option where our customers could pay for their bookings in advance.

Feasibility

Basic website should be doable. Login system pretty feasible. Online payment and appointment management will need lots of work but potentially doable.

Contingency plan. Focus on basic requirements, Login system is the only requirement that needs significant work. Appointment management can be simplified into a basic form system using html/css/frameworks.

Features Breakdown and priorities

The appointment form will have users input their, name, email, phone number, the name of the artist they want to do their tattoo, the tattoo wanted which can be picked from the gallery or by uploading a photo, extra details on the tattoo; placement, size and colour, the date and time they wish to have it done and any medical conditions.

The artist will then be able to review the appointment and send an email or text message telling the person of the price. The appointment form is a key system and cannot be taken out.

The art gallery will have a picture of a tattoo artist, a paragraph with a description telling some details about the artist and pictures of tattoos that the artist has done.  This is a key aspect of the website and cannot be taken out.

The login system will allow users, the artists and the admin to login to access different services on the website. It is mandatory but if needed we can limit it to just the artists and the admin.

There will also be a page with the contact details of the store, it’s location and it’s opening times. This is a mandatory service.

The payment system will allow people to pay a deposit on the tattoo they are getting in advance. This feature is optional and if there isn’t time to develop it then it will be left out of the iterations.

Iteration planning

For the 1st iteration, we are looking to have the login system, the appointment system and hopefully the artist gallery set up. we are hoping to have just a basic form at the start for the appointment system, have the art gallery just be the photos that are added through Hypertext Markup Language and have the login set up for the admin and the artists.

For the 2nd iteration, we are aiming to have the previous three systems expanded and possibly implementing a payment system. The gallery will pull images  randomly put them into a viewing area. the login system will be able to let normal users register and login when making appointments and the appointment system will have a calendar that shows the availability of each artist.

For the final iteration, we hope to have all the above features ironed out and working perfectly.

Analysis requirement

Insert use case model here

List of Use Cases and Description

Sample Class Diagram

