The Detailers Edge

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1 Introduction

The client, Emerson Jordan/The Detailer's Edge, is a self-employed business owner, seeking to improve his business's online presence and streamline his appointment scheduling process. His current online presence is an Instagram account where he handles all client interactions, including appointment scheduling. His current scheduling process involves direct messaging and phone calls, both of which can quickly become time consuming, limiting his ability to expand his business. To address his current challenges, our client has proposed a dedicated website to provide his clients an easy to understand and efficient way to schedule appointments. Automating the scheduling process through a user-friendly website will help Emerson save time, improve overall client satisfaction, and attract new clients through its professional image. Additionally, the website will serve as a portfolio for Emerson in which he can showcase the quality of his work. The website will also improve the company's credibility and trustworthiness by showing customer testimonials and reviews. Finally, the website needs to be mobile-friendly catering to his largely mobile- based clientele. Ultimately, this project will help Emerson/The Detailer's Edge focus on solely delivering high quality work, while positioning his business for success in a competitive digital market.

2 Functional Requirements User Stories and Tasks

2.0.1 Client

S1: Appointment Slot

1. Priority:

2. **I want** to view and selecting available appointment slots

3. **So that** I can find which times work best me

4. **Definition of Done:** When clients can view available/unavailable times

5. **Depends On:** N/A

6. **Notes:** N/A

S2: Booking Confirmation

1. Priority:

2. **I want** to receive confirmations

3. **So that** I am assured my appointment has been set

4. **Definition of Done:** When clients receive a confirmation shortly after scheduling an appointment

5. **Depends On:** N/A

6. **Notes:** Need to send confirmation code for later reference

S3: Reminder

1. Priority:

2. **I want** to receive reminders

3. **So that** I don't forget my appointments

4. **Definition of Done:** When clients receive a reminder before their appointment

5. **Depends On:** N/A

6. **Notes:** N/A

S4: Cancel appointment

1. Priority:

2. **I want** to cancel my appointment

3. **So that** I can accommodate schedule changes

4. **Definition of Done:** When clients can cancel appointments on their own

5. **Depends On:** N/A

6. **Notes:** N/A

S4: Cancel appointment

1. Priority:

2. **I want** to cancel my appointment

3. **So that** I can accommodate schedule changes

4. **Definition of Done:** When clients can cancel appointments on their own

5. **Depends On:** N/A

6. **Notes:** N/A

S5: Reschedule

1. Priority:

2. **I want** to reschedule my appointment

3. **So that** I can accommodate schedule changes

4. **Definition of Done:** When clients can reschedule appointments on their own

5. **Depends On:** N/A

6. **Notes:** N/A

S6: Browse services

1. Priority:

2. **I want** to browse detailed descriptions and pricing for services

3. **So that** I can select the service that best fits my needs

4. **Definition of Done:** When clients can explore all the provided service options

5. **Depends On:** N/A

6. **Notes:** Code this page in such a way that the admin will be able to modify its contents later without

S7: Browse Past work

1. Priority:

2. **I want** to browse previous work through images/videos

3. **So that** I can assess the quality of services before booking

4. **Definition of Done:** When clients can properly judge the quality of past work

5. **Depends On:** N/A

6. **Notes:** Code this page in such a way that the admin will be able to modify its contents later without

S8: Contact

1. Priority:

2. **I want** a contact form

3. **So that** I can ask questions or request more information

4. **Definition of Done:** When clients can easily contact the business directly

5. **Depends On:** N/A

6. **Notes:** N/A

S9: Testimonials

1. Priority:

2. **I want** to read testimonials and reviews from other clients

3. **So that** I can further trust the quality and professionalism of the business

4. **Definition of Done:** When clients can browse what previous clients had to say

5. **Depends On:** N/A

6. **Notes:** N/A

S10: Instagram Feed Integration

1. Priority:

2. **I want** to view the business's Instagram feed

3. **So that** I can stay updated on their latest work

4. **Definition of Done:** When clients can view the Instagram feed from the website

5. **Depends On:** N/A

6. **Notes:** Learn Instagram API

2.0.2 Admin

S11: Admin account

1. Priority:

2. **I want** secure admin login credentials

3. **So that** only authorized users can make content changes on the website

4. **Definition of Done:** When the admin can securely login

5. **Depends On:** N/A

6. **Notes:** N/A

S12: Admin Edit Portfolio

1. **Priority:**

2. **I want** to add, edit, or delete portfolio images easily

3. **So that** I can keep my portfolio up to date and attract new clients

4. **Definition of Done:** When the admin can change the images available for clients to browse

5. **Depends On:** N/A

6. **Notes:** N/A

S13: Update services

1. **Priority:**

2. **I want** to update service descriptions and pricing

3. **So that** I can keep the services available up to date

4. **Definition of Done:** When the admin can make changes to descriptions and pricings without coding

5. **Depends On:** N/A

6. **Notes:** N/A

S14: Modify timeslots

1. **Priority:**

2. **I want** to define which times are available for appointments

3. **So that** I can maintain control over the scheduling process

4. **Definition of Done:** When the admin can update their availability

5. **Depends On:** N/A

6. **Notes:** N/A

S15: View scheduled appointments

1. **Priority:**

2. **I want** to view a list of all scheduled appointments for the day

3. **So that** I can easily keep track of what appointments remain

4. **Definition of Done:** When the admin can view the schedule after logging in

5. **Depends On:** N/A

6. **Notes:** N/A

3 Non Functional Requirements

NFR Usability

- The interface shall be mobile-responsive.

- The website shall be accessible on all major browsers (Chrome, Firefox, Safari).

NFR Security

- Admin access must have secure authentication.

NFR Reliability

- The system shall have stable uptime.

NFR UI

- The system will maintain a constant monochrome color scheme.

4 Iteration Planning

Iteration 1	S1, S2, S8
Iteration 2	S3, S4, S5, S9
Iteration 3	S6, S7, S10, S11
Iteration 4	S12, S13
Iteration 5	S14, S15

Table 1: Story Planning