Problem Statement and Goals
Software Engineering

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Table 1: Revision History

Date	Developer(s)	Change
September 20, 2022	Joy Xiao	Problem statement and stakeholders
Date2	Name(s)	Description of changes
...	...	...

1 Problem Statement

[You should check your problem statement with the problem statement checklist. —SS] [You can change the section headings, as long as you include the required information. —SS]

1.1 Problem

Independent mechanics at auto repair shops don't have an efficient way of reaching new customers, scheduling appointments with customers, and giving quotes. The problem occurs for the customers as well. Auto repair shop customers are looking for an efficient and effective way to compare mechanics, get quotes on their auto repairs and easily schedule appointments at auto shops.

1.2 Inputs and Outputs

[Characterize the problem in terms of "high level" inputs and outputs. Use abstraction so that you can avoid details. —SS]

1.3 Stakeholders

- Automobile owners - Independent shop mechanics

1.4 Environment

[Hardware and software —SS]

2 Goals

3 Stretch Goals