



Moonlighting Job Finder Platform for Auto Technicians - Mobile apps & Super Admin Web portal

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Overview

The purpose of this document is to design & develop a platform that will allow [Automotive](#) Shop owners to upload jobs as per their requirements and hire licensed auto technicians and/or mechanics quickly and easily to complete the job.

Summary of Tasks

Mobile Apps login for Automotive Shop Owners - AutomotiveShop owners will be able to upload jobs, receive requests from Auto technicians, review technicians profiles, accept and assign technicians to complete the job. The job details will specify the duration and cost to complete the job. AutomotiveShop owners will be able to manage the jobs, technicians' requests, and release payments to technicians once the job is completed.

Mobile Apps login for Technicians - Technicians will be able to search for jobs, view job details, apply for jobs, and receive notifications when the AutomotiveShop accepts their request. They will also be able to filter search results based on their preferred location and availability, and they will get paid as soon as the job is completed and verified by the AutomotiveShop.

Super Admin Web Portal - The App Owner will be able to manage app users profiles (AutomotiveShops & Technicians), transactions (payments from Automotiveshops, payments to technicians), Reports (Up to 3 reports), FAQs, Terms & Conditions.

This document contains the features and functions that SDI proposes to build, test, and deliver.

Development Principles

- Smart and clean UI's (User Interfaces)
- Smart Navigation Tabs for easy and fast access to all the functions.
- Language of Development – English
- Language of Data Entry – English

Technology Stack

- iOS & Android SDKs for Mobile apps
- AngularJS & NodeJS for Web Admin Portal.

Team Structure

- Project Manager
- UX Specialist
- 2 Senior Programmers - Mobile apps
- 1 Senior Web Programmer
- Quality Assurance Tester
- Server Administrator

The platform will include the following Modules:

1. iOS & Android Apps for AutomotiveShops/Technicians
2. Super Admin Web portal for Platform Owner/Client
3. Marketing Website/Landing page

Mobile Apps login for AutomotiveShops - Features/Functions

1. Register/Sign Up

- a. The AutomotiveShop Owner will register by providing their email, phone number, business details, and password. This will include:
 - i. Company Name
 - ii. Address
 - iii. Contact info
 - iv. Company logo (as profile picture)
 - v. Website URL (Optional)

Note: A verification email will be sent to their email to validate their email address.

2. Sign in

- a. Email
- b. Password

3. Forgot password

- a. The app will ask the user to provide their email to receive a reset password link.
- b. Once the user clicks on the link, the app will ask the user to enter a new password and confirm the new password.

4. App Home screen

- a. List of latest jobs that are posted by the AutomotiveShop
- b. Notifications from technicians who applied to the job
- c. Messages/chat between Technicians (who are hired for the job) and AutomotiveShop
- d. Menu to navigate to functions like:
 - i. Add Jobs
 - ii. Open Jobs
 - iii. Running Jobs
 - iv. Completed Jobs
 - v. Jobs in draft which are saved to Add/Post later
 - vi. Shortlisted technicians (list of technicians that are shortlisted for the job)
 - vii. Notifications
 - viii. Messages
 - ix. Payments
 - x. My account
 - xi. Settings
 - xii. Sign out

5. Add a job - It will include main fields like

- a. Job title
- b. Job category
- c. Job location
- d. Description
- e. Skill sets
- f. Experience required
- g. Job duration (number of hours, days required)

- h. Job price (hourly or fixed)
- i. Deadline to apply for a job (once the deadline has passed, the job will disappear from the open jobs listing)
- j. Option to save & publish the job later OR save & Add Job

6. Manage Open Jobs

- a. This shows the list of jobs which are added by the Automotiveshop
- b. Tapping on a job will show:
 - i. Job details
 - ii. Number of technicians who have applied for a job
 - 1. Taping on this function will show a list of technicians who have applied for this job
 - 2. Automotiveshop can tap on a technician profile to view full details
 - 3. Automotiveshop can shortlist a candidate to respond later
 - 4. Automotiveshop can accept or reject the technician request
 - iii. Once the technician request is accepted, the job will move from Open jobs to running jobs category
- c. The AutomotiveShop can also delete the Open job, renew the job, make a copy of open job, edit it and post it as a New Job

7. Running Jobs

- a. This will show a list of jobs that are in progress (meaning technician is assigned to a job and the job is not completed yet)
- b. Taping on the job will display the details of the job & the details of technician working on the job

8. Completed Jobs

- a. This will show a list of jobs that are completed by the technicians
- b. The AutomotiveShop can review & give ratings to the technician
- c. The Automotiveshop then approves the completed job and releases the payment to the technician
- d. Option to give ratings to the technician. Based on the Ratings the platform will designate a Badge (SuperTech) to the technicians.

9. Jobs in draft

- a. These are the jobs which are saved by the Automotiveshop to add/post later
- b. Automotiveshop can tap on a Job edit/complete the details and Add Job
- c. Jobs in draft can also be deleted

10. Shortlisted technicians

- a. View a list of technicians shortlisted for a specific job
- b. Respond to technicians by either accepting or rejecting their application

11. Notifications - This will include the notifications when a:

- a. Technician applies for a job
- b. A message/inquiry sent by the technician
- c. When the payment to technician is completed

12. Messages - This will work like a chat, where the technician and Automotiveshop can send/receive messages

13. Payments/ Transactions - View list of payments that are settled when the job is completed. The transaction will show:

- a. Unique transaction ID
- b. Date/Time
- c. Amount
- d. Job title
- e. Released to Technician Name

14. My account - The Automotiveshop can

- a. Edit profile details
- b. Manage payment information
 - i. Add multiple cards
 - ii. Select a default payment card
 - iii. Remove a card

15. Settings

- a. Change password
- b. The AutomotiveShop can edit the Notifications preferences
- c. View FAQs
- d. Support contact email

16. Sign out

Mobile Apps login for Technicians - Features/Functions

1. Sign In/ Sign Up

- a. Sign in using email & password
- b. Signup using a valid email account
 - i. Agree to T&C and sign up

Note: After the technician enters the above info, a verification code will be sent to their email for validation and secure sign-in process.

2. Create your profile

- a. Personal Details
 - i. Full name
 - ii. Contact phone number
- b. Location (Technicians can update their location anytime from the Edit profile section)
- c. Work Experience
- d. Expertise in particular field
- e. Qualifications & Certifications/License
- f. Skill Sets
- g. Upload resume
- h. Upload other documents like referrals or project portfolios
- i. Availability
 - i. Select days of the week you want to work
 - ii. Option to go offline if you are not available

3. App Home screen

- a. Search jobs field
- b. List of open jobs that are available in your location
- c. Menu to navigate to functions like:
 - i. Job application history

- ii. Availability
- iii. Notifications
- iv. Messages
- v. Payments
- vi. My account
- vii. Settings
- viii. Sign out

4. Search jobs - Technicians will be able to search jobs by:

- a. Job category
- b. Job title
- c. Job type (based on job duration)
- d. Location
- e. Price
- f. Save search criteria - Technicians can also be able to set search preferences (minimum number of hours/days required for a job, availability preferences, location, job position and price) and save search job criteria as saved searches

5. Job details - Technicians can view job details, save/shortlist the job and/or apply to the job.

6. Job application history

- a. Technicians can view the jobs they have applied for
- b. Jobs they have completed
 - i. Option to give ratings to the AutomotiveShop after the job is completed
- c. Saved/shortlisted jobs - Option to apply or remove the job from saved jobs list

7. Availability

- a. Set your availability by going online or offline
- b. Add the days/dates he/she will be available

8. Notifications - This will include the following:

- a. Jobs applied status (accepted or rejected by the AutomotiveShop)
- b. Receive response for the sent messages
- c. Alerts if a new job is listed that matches their saved search criteria

9. Messages - Send and receive messages to/from AutomotiveShop

10. Payments - View list of payments that are received when the job is completed. The transaction will show:

- a. Unique transaction ID
- b. Date/Time
- c. Amount
- d. Job title
- e. Released by the AutomotiveShop (name)

11. My account - Technician can

- a. Edit profile details
- b. Manage payment information
 - i. Add bank details or paypal details to receive payments from the AutomotiveShop
 - ii. Select a default account to receive payment
 - iii. Edit/remove account details

12. Settings

- a. Change password
- b. Change preferences for notifications/ alerts
 - i. Whether you would like to receive new matches as per your saved job criteria.
- c. Share app
- d. FAQs

- e. Contact support email

13. Sign out

Super Admin Portal - Features/Functions

1. Login

- a. Admin will login with their email & password. (it will include 2 Factor Authentication steps every time the admin logs in)
- b. Forgot Password: Admin will be able to reset their password, it will send an email with a link to set up a new password.

2. Dashboard page

- a. View number of open jobs & completed jobs
- b. Total number of Automotiveshops user accounts
- c. Total number of Technicians user accounts
- d. Revenue earned (weekly, monthly & yearly)
- e. Menu to navigate to other pages like:
 - i. Users management
 - ii. AutomotiveShop accounts
 - iii. Technicians accounts
 - iv. Open jobs listings
 - v. Notifications
 - vi. Inbox
 - vii. Transactions
 - viii. Settings

3. User management

- a. Add employees as sub admins
- b. Manage roles & permissions for each sub admin
- c. Change sub admins credentials
- d. Delete sub admins

4. **Manage Automotiveshop accounts**

- a. View list of AutomotiveShop accounts
- b. View details, edit info or delete account
- c. View new AutomotiveShop accounts which are waiting for account verification. Admin will assign a sub admin who will review and manually verify AutomotiveShop account sign up requests

5. **Manage Technicians accounts**

- a. View list of Technicians accounts
- b. View details, edit info or delete account
- c. View new Technicians accounts which are waiting for account verifications. Admin will assign a sub admin who will review and manually verify & validate Technician account details.

6. **Manage Open Jobs listing**

- a. View list of open jobs
- b. View job details
- c. Option to delete jobs which are scam or not relevant to the platform

7. **Transactions/Billing**

- a. Payment Gateways
 - i. Reports
 - ii. Transactions Approved
 - iii. Transactions Pending

- iv. Transactions Canceled
- v. Transactions Refunded

8. **Revenue model** - Admin can assign a percentage per job per Automotiveshop OR apply a Uniform commission percentage for all AutomotiveShops (% added on top of Price quoted for the job or Subscription plan for AutomotiveShop users)
9. **Settings:** Change email & password used to access the administration panel

API Integration recommendations - Client can sign up for these services

- 3rd party payment gateway will be used for all types of transactions throughout the platform. (SDI will recommend the options to the client and will integrate upon client approval). The client will need to sign up for the payment gateway.
- Cloud hosting - We will recommend the hosting infrastructure & environment needed to host the apps & Admin portal, the client needs to sign up for the hosting services.

Marketing Website for the app owner

The marketing website is required as per iOS & Android standards for app submission. We can design & develop a basic 3-5 page website

The website menu will include the following:

- Home page - will include some info about the Company, what the platform provides, who are the users of the platform, contact & support info, info to download the app.
- What it offers - This includes apps features, links to download the app.
- Pricing or subscription information for Automotiveshop owners to use the app for posting jobs.

- FAQs/Help
- Terms & conditions
- Contact us - This can include a contact form and/or support email

Note: Content and images will be provided by the client.

Investment cost & delivery timelines

Tasks	Cost
iOS Mobile app	\$20000
Android Mobile app	\$20000
Super Admin Portal - Web based	\$8000
Smart Contract for Auto Shops	\$5000
Smart Contract for Job applicants	\$5000
Spanish language for Front-end	\$3000
Total cost	\$61000

Payment Terms

- 25% upfront payment
- 25% on UX completion
- 25 % on Admin web portal completion
- 25% on Final delivery prior to launch

Warranty

SDI provides a 6 months debugging warranty on every project. For the initial 6 months after acceptance/launch, if any bugs occur and are identified, we will fix them without any cost to you.

Source Codes

All of the project Source codes will be handed over to the client on project completion. Upon completion and payment of all agreed invoices to SDI, the Client will be the sole and exclusive owner of the website and IP of the project.

AMC - Optional

SDI provides an AMC - Annual Maintenance Contract for a fixed cost of 25% of the project cost. This AMC will be for 12 months from the date of signing and includes bug resolutions, API updates and OS updates for the website

Hosting Expenses

Client can sign up with a Cloud provider like AWS or a Hosting provider Approximate costs will be \$100-\$300/month depending on the service plan chosen. SDI will set up the apps on the chosen server's platform

API's - Optional

Client can sign up with API providers for verification systems or any 3rd party service. SDI will evaluate and if feasible integrate these API's into the platform for a fixed cost of \$3000/API. As an alternative, client can also provide a CSV file or a .doc file or a .pdf file and SDI will provide a method to upload the file into the system so that the data can be validated for a User.

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