

# Proposal for “Vehicle History App” development

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<https://www.peopleperhour.com/freelancer/technology-programming/aleksander-balos-web-mobile-apps-blockchain-qyvzxzn>

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Reference webs: <https://www.carvertical.com/gb>

<https://hpicheck.com/>

## 1. Project Description on PPH

<https://www.peopleperhour.com/freelance-jobs/technology-programming/programming-coding/vehicle-history-app-4285863?id=4285863>

## 2. What I need from you

I need web development requirements doc. I will discuss it how to write the project spec and project function details.

## 3. Proposal Details

### 1. **Web Wireframe:**

I (developer) and you(client) will discuss the detail of wireframe of the web from the reference web and project spec. You can draw what you think on the paper to make it simple. Then I will make a powerpoint or figma so show the flow of the web.

### 2. **Figma Graphic Design:**

Deliverables will include:

- Logo icon design (1024x1024 pixels)
- Home Landing Page
- Main function pages
- Contact us, Terms and Conditions, Help

All pages will be design according to the project requirements

## Web Development:

Frontend will be built in React, Typescript and Tailwind CSS to make it user-friendly and mobile-friendly responsive. The web Frontend should support dynamic sized platforms – desktop and mobile phones. Also it should optimize the SEO and minimize the loading speed of each page.

Will use MVC programming design pattern.

### 1. **Static UI Implementation:**

This includes fundamental UI components such as Texts, TextFields, Buttons, images and complete navigating between pages.

### 2. **Functionalities and Animations:**

- Implementing basic functions such as validation for name and email fields, enabling/disabling buttons based on user inputs.
- Building controllers and models to support the views.

### 3. **Backend API Integration:**

- Creating a base API request/response class.
- Implementing all APIs provided via the Postman collection in the API class.
- Implementing API calls for each page and action.

### 4. **Hosting Server setup, Testing and Bug Fixing:**

- Set up a hosting server and connect Domain and install SSL service.
- Will submit the web code to the hosting server so internal testers can test the web as real users.

### 5. **Delivery and Maintenance:**

- Regular updates will be provided every Tuesday, and Friday.
- Source code will be maintained in a Bitbucket repository, with updates submitted via branches. Each branch will be merged into the ‘develop’ branch after testing and into the ‘main’ branch upon release.

## Backend API Development:

Backend api will be built in Laravel PHP framework.

### 6. **Setup a hosting server and database**

### 7. **API development for each web page**

- API should be developed and tested before delivering it to the Frontend developer

- API should be delivered via Postman collection with demo req/res so FE developers can understand the API without running it on Postman.
- Postman collection of completed APIs should be maintained in a bitbucket repo as well and will be shared with the client.

## 8. Delivery and Maintenance:

- Regular updates every day between FE and BE developers.
- Code maintenance through Bitbucket, using branch-based workflow and merging into 'develop' and 'main' branches.

**Timeline:** 3 months from preparing project requirements to releasing web to the real users.

- **Requirements and wireframe:** 10 days.
- **Figma design:** 20 days.
- **Web development:** 1-2 months (web page development will be done as soon as the client approves the web page design so we can save time in development)
- **Backend API:** 15 days.
- **Testing and Bug fix:** need testing for every updates of web, and fix issues/bug as soon as it's reported
- **Release the web and delivering source code/all resource:** 1 week

## Payment Breakdown:

To make the payment steps simple,

1. First month: £2000
  - a. 1<sup>st</sup> week - £1000
  - b. 3-4<sup>th</sup> week - £1000 (after complete requirements and middle of graphic design)
2. Second month: £2000
  - a. 1<sup>st</sup> week - £1000
  - b. 3-4<sup>th</sup> week - £1000 (middle of web and API development)
3. Last month: £1500
  - a. 1<sup>st</sup> week - £1000 (after complete of backend API)
  - b. 3-4<sup>th</sup> week - £500 (after releasing web and delivering full source code)

**Total Project Cost:** £5500 for 3 months