New Website Build

I'm looking for project cost estimates and timeline to completion. Thank you

Overview: I need a website built with a basic landing page, a toolbar on top, and a customer portal. The site needs to be desktop and mobile compatible. After the site goes live, I need to be able to update the website easily and update aspects of individuals' customer dashboards. The site needs to be secure as we will be collecting personal and financial information from our customers. Below is a rough outline of what I expect is needed for the project…

1. *Planning and designing*:
    - Create wireframes to visualize the user interface and experience
    - Choose the appropriate technology stack, including programming languages, frameworks, libraries, and tools.
        i. Wireframes**: Figma** (cost: $0)
        ii. Frameworks**: NextJS**
        iii. Languages**: Javascript, CSS, HTML, SQL**
        iv. Libraries**: TBD**
2. *Setting up the development environment:*
    - Set up version control (e.g., Git) to manage your codebase.
        i. Version Control: **GitHub** (Cost: $0)
    - Configure a development environment that includes necessary tools and IDEs.
3. *Frontend development*:
    - Implement the user interface using HTML, CSS, and a frontend framework (e.g., React, Angular, or Vue.js).
        i. Options:
            1. **Website builders**: Tools like Wix, Squarespace, or WordPress (with a page builder plugin) offer drag-and-drop interfaces that can be used to create a website based on a design. They are generally simple to use but have limitations in terms of customization and may not be suitable for more complex web apps.
            2. **Frontend frameworks**: Bootstrap, Bulma, Tailwind, and others offer pre-made components that can be used to build a website based on a design. They require some HTML/CSS knowledge but can greatly speed up the development process and help ensure a responsive design.
            3. **No-code/low-code platforms**: Tools like Bubble, Adalo, or OutSystems allow you to build web apps with little to no code. They can be a good way to turn a design into a functional app, but they may have limitations in terms of flexibility and performance.

        ii.
    - Develop the user-facing components, including forms for user input and elements to display data.
    - Implement client-side validation for user input.

4. *Backend development:*
    - Set up a server using a web framework (e.g., Node.js with Express, Django, or Ruby on Rails).
    - Create API endpoints to handle user requests, such as calculations, authentication, and data retrieval.
    - Implement server-side validation and business logic for calculations and data processing.
5. *Database design and implementation:*
    - Choose a suitable database management system
        i. Database: **MongoDB** (Cost: Starts at $57/month for 10GB)
    - Design the database schema to store user information, payment data, and other relevant information.
    - Implement CRUD (Create, Read, Update, Delete) operations to interact with the database.
6. *Integration with third-party services:*
    - Integrate with Plaid or a similar service for payment processing and banking connections.
    - Set up OAuth or another authentication method for the member portal.
7. *Testing and debugging:*
    - Perform unit, integration, and end-to-end testing to ensure the app works as expected.
    - Debug and fix any issues or bugs that arise during testing.
    - Implement Playwright testing to automatically notify us when a website flow is down
        i. Tool: **Playwright** (Cost: $0)
8. *Deployment and hosting:*
    - Choose a hosting provider and deploy your application (e.g., AWS, Heroku, or DigitalOcean).
        i. Host: **Heroku** (Cost: TBD)
    - Configure domain names, SSL certificates, and any other necessary settings for a secure and user-friendly experience.
9. *Maintenance and updates:*
    - Monitor the app for any issues or bugs and address them as needed.
    - Implement new features and enhancements based on user feedback and business needs.