**PROJECT NAME: FindMyMeds.com**

**GROUP MEMBERS:**

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| REQ. # | FUNCTIONAL REQUIREMENTS |
| User Registration and Authentication: | Users shall register on the website using their email adresses.  Implement authentication mechanisms to ensure secure access to user accounts. |
| Pharmacy Registration and Profile Management: | Provide pharmacies with the ability to register their business on the website.  Allow registered pharmacies to manage their profile information, including location, contact details, and medication stocks. |
| Search and Browse  Functionality: | Enable users to search for nearby pharmacies based on location.  Implement filters to refine search results by medication availability, opening hours, etc. |
| Real-Time Medication Availability: | Display real-time information on medication stocks and availabilities at registered pharmacies.  Ensure the data is updated regularly to reflect changes in stock levels. |
| Feedback and Review System: | Allow users to provide feedback and reviews on their experiences with pharmacies and the website.  Implement a rating system to help users make informed decisions. |
| Delivery Request System: | Enable users to request medication delivery from nearby pharmacies.  Provide options for users to specify delivery preferences, such as delivery time and address. |
| Delivery Tracking: | Implement a delivery tracking feature to allow users to monitor the status of their delivery in real-time.  Provide notifications to users regarding the progress of their delivery. |
| Admin Dashboard: | Create an admin dashboard for managing user accounts, pharmacy registrations, and feedback.  Allow admins to moderate content, verify pharmacy registrations, and address user inquiries. |
| Delivery Authentication: | Implement a system that ensures that the delivery was done succesfully and the medicines received were legitimate. |
| Prescription Authentication: | A system that controls that the prescription itself is legitimate. |
| REQ. # | **NON-FUNCTIONAL REQUIREMENTS** |
| Performance: | Ensure fast loading times and responsiveness of the website, even during peak usage periods.  Optimize database queries and server-side processing to minimize latency. |
| Security: | Implement robust security measures to protect user data and prevent unauthorized access.  Use encryption protocols to secure communications between users and the website. |
| Reliability: | Ensure high availability of the website and deliveryman system to minimize downtime.  Implement backup and disaster recovery mechanisms to mitigate the impact of system failures. |
| Scalability: | Design the system to accommodate a growing number of users and pharmacies over time.  Use scalable infrastructure and technologies to support increased traffic and data volume. |
| Accessibility: | Ensure the website is accessible to users with disabilities by following web accessibility standards.  Provide alternative text for images, keyboard navigation support, and other accessibility features. |
| Usability: | Design the user interface to be intuitive and easy to navigate, especially for elderly or less tech-savvy users.  Conduct usability testing to identify and address any usability issues. |