Proposal for Developing the MEDWATCH Web-based Application

The MEDWATCH mobile application has been designed with the primary objective of providing a user-friendly platform that allows the quality of drugs to be verified by the public. Specific drug information, such as the batch number and drug name, can be entered by users to access testing results that have been obtained from accredited laboratories across the country.

Key Features:

1. Batch Verification:

- Batch numbers and names of the Drug can be input by users to check the quality status of medicines

2. Integration with Testing Labs:

- Comprehensive integration has been established with the results provided by all drug testing laboratories in India, ensuring real-time access to drug quality data.

3. User-Friendly Interface:

- A simple and intuitive design has been created to promote ease of use for individuals of all age groups and technical abilities.

4. Updates and Notifications:

- Regular updates will be provided on drug safety alerts, quality issues, and regulatory changes to keep users informed.

5. Data Security:

- Robust security measures have been implemented to ensure that user data and privacy are protected.

Benefits:

- Awareness and prevention of drug-related health risks among the public have been increased.

- Informed decision-making when purchasing or using medicines is facilitated.
- Transparency and accountability in the pharmaceutical sector have been enhanced.

Working Method for Web based Application

1.Installation and Registration:

- The application is required to be installed on the mobile devices by the public.
- Essential details, such as mobile number, name, and email ID, are required to be inputted for registration.

2.User Authentication:

- Secure login will be enabled through OTP (One-Time Password) based authentication linked to the mobile number.
- A user-friendly interface is required for the login process, incorporating clear branding of the application.

3. Quality checking of Drugs

- Specific drug information, such as the batch number and drug name, can be entered by users to access testing results published from accredited laboratories across the country.

Source of Data:

Details regarding Not of Standard quality drugs can be obtained from MEDWATCH through the integration of the online sample module portal of the Department. The results published by other drug testing laboratories across the country are also being inputted into the MEDWATCH APPLICATION. Other regulations notified by drug control in Kerala are made available in the MEDWATCH mobile application through the integration provided by the department's website.

Conclusion:

The MEDWATCH mobile application is viewed as a significant step towards safeguarding public health by providing vital information about drug quality. It is believed that the development of this app will bridge the gap between consumers and the pharmaceutical industry, ultimately

fostering a healthier, more informed society. Support and collaboration are sought to bring this initiative to fruition.

The potential impact of the MEDWATCH app is exciting, and discussions regarding this proposal are eagerly anticipated.

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