Project Proposal: OTC DRUG SUPPORT TOOL

Background

This project aims to tackle the issue where patients frequently use over the counter (OTC) medications without recognizing the possible adverse effects these drugs might have on their existing medical conditions or the medications they are presently taking. It seeks to develop a tool that assists users in understanding the contents of OTC drugs, increases patient awareness about potential interactions, offers recommendations on suitable OTC choices, and empowers individuals to make well-informed decisions when selecting OTC medications.

Objectives

- To raise awareness of the potential interactions between OTC drugs and preexisting condition or current medications.
- To help users make informed decisions about OTC drug use.
- To suggest OTC drugs that are safe and effective for the user's specific needs.

Scope

The result of the project would be an OTC drug awareness tool that meets the needs of the target audience and is feasible to develop and maintain. The tool would be a valuable resource for patients, healthcare providers, and pharmacists, and would help to ensure that OTC drugs are used safely and effectively.

The tool would be able to:

- Provide information on the contents of OTC drugs, including their ingredients, potential interactions, and dosage information.
- Identify potential interactions between OTC drugs and other drugs or medical conditions.
- Help users make informed decisions about OTC drug use.
- Suggest OTC drugs that are safe and effective for the user's specific needs.

The project would have several benefits, including:

- Improved patient safety: The tool would help to prevent patients from taking OTC drugs that could interact with their preexisting conditions or current medications.
- Increased patient confidence: The tool would give patients the confidence to make informed decisions about OTC drug use.
- Reduced healthcare costs: The tool could help to reduce healthcare costs by preventing adverse drug events.
- Improved public health: The tool could help to improve public health by reducing the number of people who are injured or hospitalized due to adverse drug events.

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The phases of work undertaken:

- Data collection: Collect data on OTC drugs, including their ingredients, potential interactions, and dosage information.
- Tool development: Develop a tool that can be used to help users understand the contents of OTC drugs, identify potential interactions, and make informed decisions about OTC drug use.
- User testing: Test the tool with users to ensure that it is easy to use and provides the desired information.
- Deployment: Deploy the tool to the target audience.
- Maintenance: Maintain the tool on an ongoing basis to ensure that it is up to date with the latest information about OTC drugs.

Timeframe:

	Description of Work	Start and End Dates
Phase One	Data collection & Tool development	09/16/2023-10/15/2023
Phase Two	Tool development & User testing	10/16/2023-11/15/2023
Phase Three	User testing, Deployment and Maintenance	11/16/2023-12/15/2023

Project Budget:

	Description of Work	Anticipated Costs
Phase One	Data collection & Tool development	$60,000
Phase Two	Tool development & User testing	$150,000
Phase Three	User testing, Deployment and Maintenance	$40,000
	Total	**$ 200000.00**

Key Stakeholders:

Client	HealTech Solutions
Sponsor	David Francis
Project manager	Raajitha Muthyala

Monitoring and Evaluation

1. **Objective:** User education and awareness: To provide OTC drug users with accessible and accurate information to make informed decisions about OTC medications and raise awareness against potential interactions with pre-existing conditions and/or diseases.

Result Indicator- Track identification and communication of drug interactions and real-time interaction checks and alerts.

2. **Objective**- To contribute to better health outcomes for users by preventing adverse drug interactions and complications.

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Result Indicator- Measure reduction in adverse events.

3. **Objective**- To encourage users to regularly engage with the application and follow its recommendations.

Result Indicator- Evaluate outreach effectiveness and regular user testing and accessibility audits.

This project follows hybrid methodology. Hybrid methodology is a combination of agile and waterfall methodologies. This methodology could be helpful for this project because it would combine the flexibility of agile with the structure of waterfall.

Approval Signatures

HealTech Solutions		*Raajitha*
HealTech Solutions,	David Francis,	Raajitha Muthyala,
Project Client	Project Sponsor	Project Manager