**AN EVALUATION DOCUMENT FOR:**

**Pill Reminder and Medication Tracker Application**

**A PROJECT TO AIDE PEOPLE WITH MENTAL HEALTH CONDITIONS**

**CREATED:**

**MEDISAFE**

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**A PROJECT FOR COSC 101 IT ELECTIVE 1 (HUMAN COMPUTER INTERACTION 2)**

**Introduction**

Pill reminder and Medication Tracker was created/developed in order to aid people that suffer from mental health conditions.Pill reminder and Medication Tracker was developed on October 9, 2012. Pill reminder and Medication Tracker was developed for medication management, mainly to keep the user on track with their medicine and pills needed to be taken base from what their doctors prescribes them to take.

**Evaluation (as fellow-developer)**

Ease of use:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Statements** | 1 | 2 | 3 | 4 | 5 |
| Features of the app give efficiency to recipients, enabling them to add notes, measurements, and reminders of appointments to their doctors. |  |  |  |  |  |
| The app does not lag/ turned blackscreen after a reminder. |  |  |  |  |  |
| The user can easily add, edit, change, and update about their pill reminder. |  |  |  |  |  |

Accuracy:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Statements** | 1 | 2 | 3 | 4 | 5 |
| The app does remind the user on time. |  |  |  |  |  |
| The app reminds the user what pills and amount of dosage to be taken. |  |  |  |  |  |
| The app can remind the recipient at the end of the day if it fails to take it on time. |  |  |  |  |  |

Efficiency:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Statements** | 1 | 2 | 3 | 4 | 5 |
| The app serves the recipient to take the right pill on time, as the icon can be changed by the recipient. |  |  |  |  |  |
| The app helps the recipients to be reminded with their appointments to their doctors. |  |  |  |  |  |
| The app can also notify the recipient’s friend (an added dependent/Medfriend by the recipient) to take their medications if it didn’t drink their pills on time/within the day. |  |  |  |  |  |

**Recommendation (as fellow-developer)**

Ease of use:

|  |  |
| --- | --- |
| **Suggestion** | **Reason** |
| The app needs to improve the floating notification. | To enhance the visibility of what pill is needed to be taken as it was kind of small for the adults to be seen. |
| The app needs to minimize the number of process everytime a recipient add a new medication to be tracked. | To avoid recipients being irritated as it was kind of too long, like you were answering an online survey. |
| The app needs to improve the autostart settings. | To avoid the recipient’s phone from lagging. |

Accuracy:

|  |  |
| --- | --- |
| **Suggestion** | **Reason** |
| The app needs to improve in terms of changing of timezones. | To lessen hassle for those who fly around the world who use this application. |
| The app needs to improve the application’s performance every after a new update. | To lessen difficulty in accessing the application cause of bugs. |
| The app needs to change the sound notification. | To lessen the recipient’s discomfort every alarm for a pill reminder. |

Efficiency:

|  |  |
| --- | --- |
| **Suggestion** | **Reason** |
| The app needs to revise the part where the notification sounds can be access/use without upgrading to premium. | To avoid not being reminded because the notification sound the recipient has chosen didn’t alarm. |
| The app needs to be way easier than it is. | To avoid new users of the application to find it kind of complicated. |
| The app needs to add a volume setting for the alarm level. | To avoid recipients from being obnoxious to the alarm level of the application. |
| The app needs to revise the part where it excludes the app from battery optimization. | To avoid the recipient’s phone battery to be easily drained. |

**Summary and Conclusions**

Pill reminder and Medication Tracker as of January 8, 2021 is rated 4.6 in terms of Usage which was led by the features of the app giving efficiency to recipients, enabling them to add notes, measurements, and reminders of appointments to their doctors. And is in need of improvement if the app does not lag/ turned blackscreen after a reminder. Meanwhile in accuracy, the app does remind the user on time and is in need to improve the number of reminders to take a pill if it wasn’t done yet by the recipient.

In the Ease of use Category, Statement # 1 The app needs to improve the floating notification, to enhance the visibility of what pill is needed to be taken as it was kind of small for the adults to be seen. Statement # 2 The app needs to minimize the number of process everytime a recipient add a new medication to be tracked, to avoid recipients being irritated as it was kind of too long, like you were answering an online survey. Statement # 3 The app needs to improve the autostart settings, to avoid the recipient’s phone from lagging. While in the Accuracy Category, Statement # 1 The app needs to improve in terms of changing of timezones, to lessen hassle for those who fly around the world who use this application. Statement # 2 The app needs to improve the application’s performance every after a new update, to lessen difficulty in accessing the application because of bugs. Statement # 3 The app needs to change the sound notification, to lessen the recipient’s discomfort every alarm for a pill reminder. And lastly in the Efficiency Category, Statement # 1 The app needs to revise the part where the notification sounds can be accessed/used without upgrading to premium, to avoid not being reminded because the notification sound the recipient has chosen didn’t alarm. Statement # 2 The app needs to be way easier than it is, to avoid new users of the application to find it kind of complicated. Statement # 3 The app needs to add a volume setting for the alarm level, to avoid recipients from being obnoxious to the alarm level of the application. And Statement # 4 The app needs to revise the part where it excludes the app from battery optimization, to avoid the recipient’s phone battery to be easily drained.

I therefore conclude that Pill reminder and Medication Tracker Application is indeed a great app for those who have mental health conditions that need to be taken care of. It is a big help for them not to miss a medication on time. Therefore, there are some aspects/parts that need to be improved/revised as it causes complications, irritations, and bad feedback to some users of the applications; which leads them to leave a not satisfied rating on the application store where it can be downloaded.

**References**

<https://play.google.com/store/apps/details?id=com.medisafe.android.client&hl=en&showAllReviews=true>

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