Resource Checklist

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**Project Goal and Objectives:**

**Motivation:**

In today’s busy life, resource monitoring has become a big issue because of the growing work pressure and social pressure we may forget the things we had lent. I had a real-time experience with this kind of situation. I had lent a book to my friend which I found to be very motivational and interesting but I forgot to take it back. After few months, I thought of reading the book again and searched for it but I cannot find it. I was not able to recollect where I had kept the book or whom I had given to. After two years, when my friend was shifting home, he found the book in their store room and returned it to me asking apologies for the mistake. Most of my friends tell me that they faced a situation like this in their life. So, we thought that there is need to develop a resource management system for people. The application can be used for keeping record of the items being borrowed by individuals. As smart phones are becoming part of our lives, it is the best choice to deploy our resource management system.

**Objective:**

The application mainly aims at keeping track of various items such as books, tablets or any other devices either by a barcode scan or by taking a picture manually even by entering the current location of borrower. The scope of this application is that it can be used by anyone who wants to keep track of their belongings.

**Significance/Uniqueness:**

Although there are other applications which can remind you of the things which you have lent, our application differs from them because of the following features:

* The applications which are present currently can remind you just with the text which you had written for that reminder, but in our application, we had incorporated two new features as the user can associate a picture with it or he can have a bar code scan for the particular item which he is lending. The reminder in our application will show you that information also.
* In our application, a message (either a text message or an email) will be sent to both the lender and the borrower saying that the due date is approaching for the item. This will ensure better security.

**System Features:**

The resource monitoring app can be used to keep track of items.

The system features include:

* Users can scan the item that they are lending, and then enter the details of the person whom they are lending it to.
* They can also store the information of the items that do not have a barcode, this can be done by taking the picture of the item manually and storing the details of the borrower.
* Send Email or text message to the borrower as a reminder
* Uses SQLite database for the implementation of storing the details
* All the details are stored in a List View format and can be viewed from history
* Delete the details when we get back the item.

**Related Work:**

We are taking the below project as a reference

<https://github.com/graceeunbekim/listme>

<https://github.com/NativeScript/sample-Groceries>

<https://github.com/altron42/tripLOG-test>

**Backup Project:**

**Health care manager –**There are two tasks this will do. They are the emergency alarm and healthcare management system. Initially the person i.e. patient should register for the first time by providing his/her user-id, password, name and mobile number. After signup, user must provide details of friends and family members/Doctor such as their name and mobile number to whom the emergency alert must be sent during an emergency. Then the user can enter name of the problem he/she has, to suggest prescription. For example, if the user is suffering from fever then user may enter symptom as fever and must provide description for that like headache, nausea and so on. Based on the symptom details, user would get prescription from the doctor. User can also go through the tips that are provided by the doctor and under emergency like hazards the user can send alert to his friends.

**Bibliography:**

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