



Item Tracker

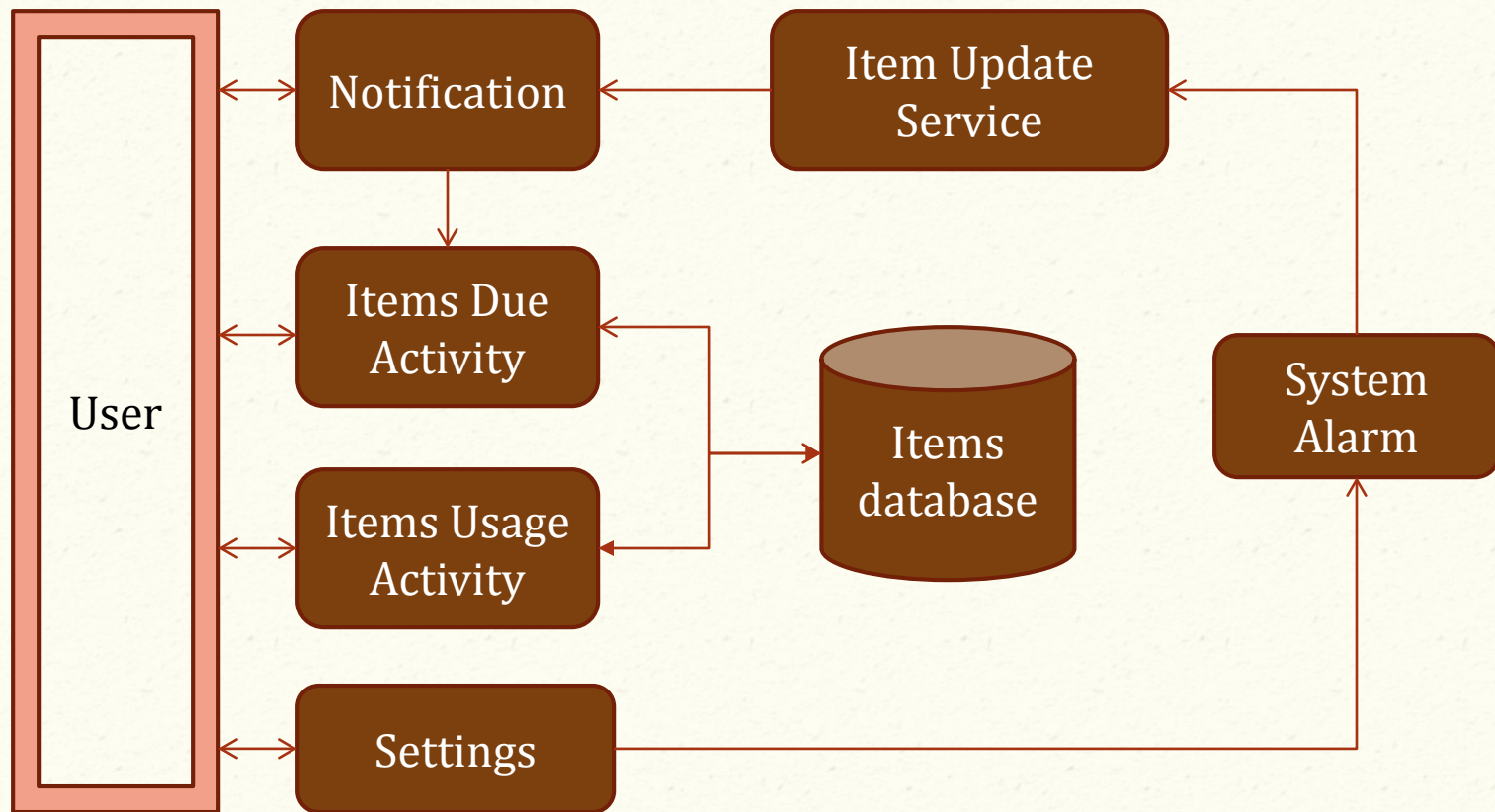
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Overview

- Reminds user to buy items which have either gone out of stock or are going to get out of stock soon
- User can see what is due today, this week or later
- This list can be used as shopping list
- More useful for frequently bought items

Items Due		ITEMS	SETTINGS
Today (3)			
Milk			0
Jam			0
Tea			0
This Week (2)			
Orange Juice			5
Bread			6
Later (2)			
Butter			15
Tissue Paper			20


Implementation – High Level



Output - Notification and Items Due


5:54

MONDAY
NOVEMBER 25, 2013



2 Items Due
Milk, Jam

5:54 PM

 Items Due

ITEMS

SETTINGS

Today (3)

Milk

0

Jam

0

Tea

0

This Week (2)

Orange Juice

5

Bread

6

Later (2)

Butter

15

Tissue Paper

20

Flow – Items Usage

- User enters items he wants to track for the first time along with its usage duration in days.
- And he can update it any time later. System automatically takes care of updating days left.

Orange Juice	5
Jam	10
Tissue Paper	20

Add Item

☒ ☐ Save ☒ Cancel

Butter	15
Orange Juice	5
Jam	10
Tissue Paper	20

Options for Orange Juice

Edit

Delete

Flow – User Buys Items

- Whenever user goes to shopping, he indicates which item has been bought
- By single click user indicates that he bought default quantity and bought it today
- Otherwise he needs to long press and edit as shown. This allows him to enter buying details even after shopping date

The screenshot shows the 'Items Due' app interface. At the top, there's a header with a shopping bag icon, the title 'Items Due', and two tabs: 'ITEMS' and 'SETTINGS'. Below the header, there's a list of items under the heading 'Today (2)'. The items are 'Milk' and 'Jam', both with a quantity of '0'. Below this, there's a heading 'This Week (2)'. Overlaid on the screen is a white dialog box titled 'Edit Shopping Details'. Inside the dialog, there's a section for 'Quantity Bought' with a text input field containing the number '1'. Below that is a 'Buy date' section with a date picker showing 'Oct 24 2012'. The date picker has three rows: 'Oct 24 2012', 'Nov 25 2013', and 'Dec 26 2014'. At the bottom of the dialog, there are three buttons: a checkmark icon, a 'Save' button, and a close button (an 'X' icon). To the right of the close button is a 'Cancel' button.

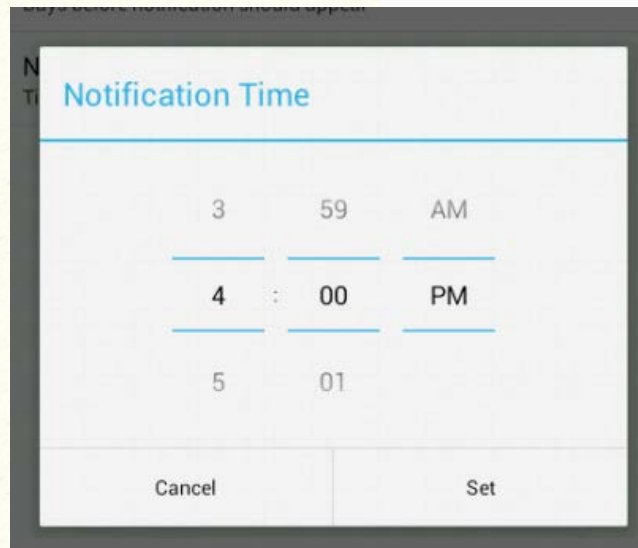
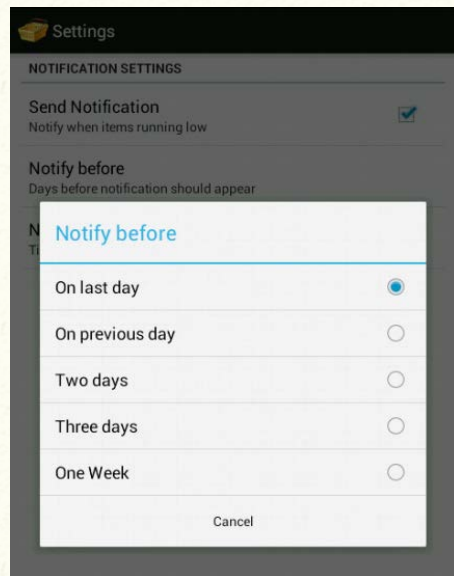
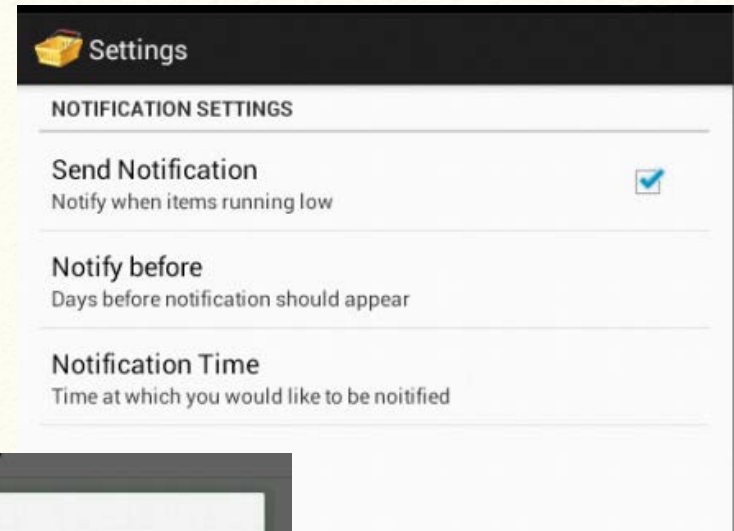
Storage Details

- App remembers following things about items and uses them to create the notification and due list – uses SQLite

Field Name	Use
Name	Name of item
Remind In Days	Estimated Usage Duration in days
Days Left	Days left before stock gets over
Last Updated At	Used to calculate days left properly even when Update service is called after many days

Settings

- User can enable/disable notification and set the notification time and days before when he wants to be notified



DEMO

- o Enter one sample item
- o Buy using single click
- o Buy using edit screen
- o Settings
- o Notification Time and Notification



Questions?

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