



# **Libra**

## **User's Manual Version 1.0**

April 22, 2016

This document contains information on how to use the different functionalities offered by Libra.

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#### Revision History

Version	Date	Revision Description
1.0	April 22, 2016	-

#### Disclaimer

This documentation is always under active development and as such there may be mistakes and omissions — watch out for these and please report any you find to us.

The latest version is always available at

[https://github.com/aggregator-swlab/User-Manual/User\\_Guide.pdf](https://github.com/aggregator-swlab/User-Manual/User_Guide.pdf).

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# 1

## General Information

### 1.1 System Overview

#### 1.1.1 Product Perspective

Libra is a follow on member of a product family that deals with providing shopping customers with best deals for their desired product on various online stores. It aims at improving the shopping experience of the customer by saving money and time.

#### 1.1.2 Product Functions

The following list provides a brief outline and description of the functionalities of the Libra software application:

1. Search Products
  - (a) Compare Prices on various online stores
  - (b) Get a brief description of the product
  - (c) Redirect to the store whose deal attracts you
2. Sort Results
3. Filter Results
4. Latest Deals
  - (a) Latest Deals and offers from all stores is displayed

#### 1.1.3 User Documentation

Although the application will be designed so as to be simple in usage for anyone, users will be provided with a help tab which will contain a description of every feature the application has. The user can browse through the help tab whenever information is needed about how a particular feature works.

### 1.2 Intended Audience

This document is intended solely for the perusal of Dr.Vinod Pathari and Mr. Sameer M Thahir, the faculty in charge of the project, Mr Sachin Sany, the client, the users

of the software application, and by the fellow students who have taken up projects as part of the Software Engineering course.

# 2

## System Summary

### 2.1 System Configuration

For the application to function smoothly on a PC browser, the PC is expected to have at least 2GB of RAM, with a browser with cross-site CSS scripting enabled. For mobile users, the mobile devices are expected to have at least 1GB of free RAM space for the application to run efficiently with 100MB of free storage space.

### 2.2 System Requirements

Libra is compatible with Android 4.0 (JellyBean) and all later. A Web Application with similar interface that can run on various web browsers (Google Chrome, Mozilla Firefox, et cetera) is also available for users who prefer a web-based GUI over mobile application. Updates will be made available for both platforms at the same time.

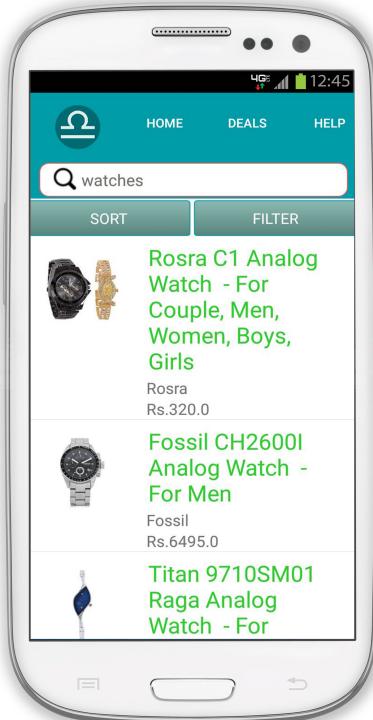
# 3

## Getting Started

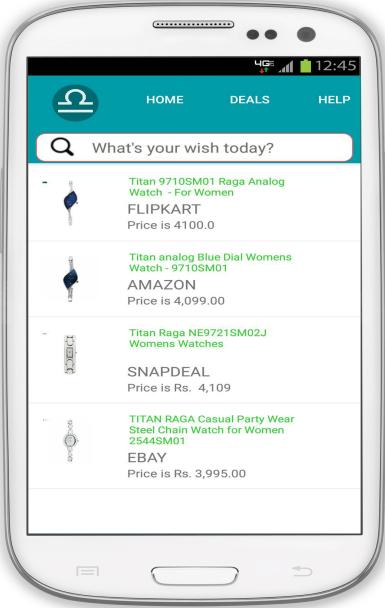
### 3.1 The Mobile App

#### Launch the application

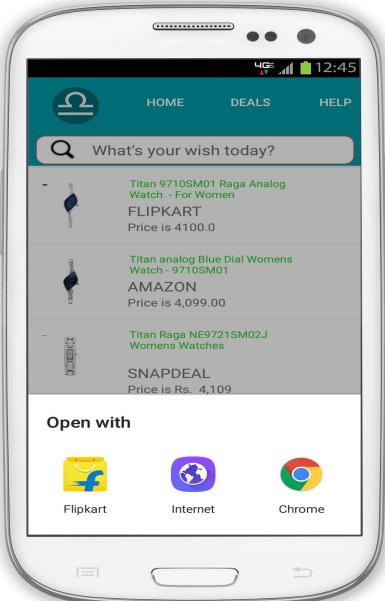
Click the application icon in your app drawer. You will see a splash screen with the Libra logo and the release version details.



Use the search bar to search for any product you wish to have a look at. Type in the search key and the relevant results will show up below. Click on the product you are interested in to view the prices from the various stores.

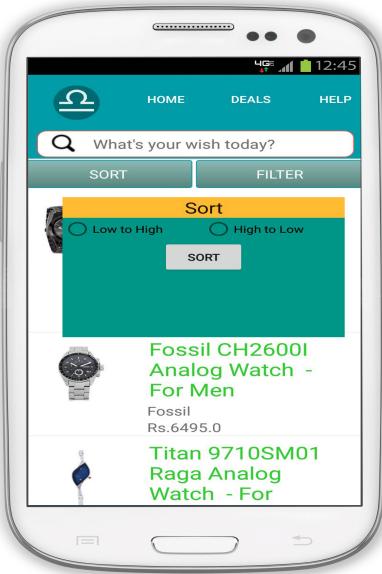


You will find the different prices in each store. Once you have decided which offer you wish to take, click on that product and it will give you the option to open the relevant product in your browser or the store's app (if you have installed it on your phone).



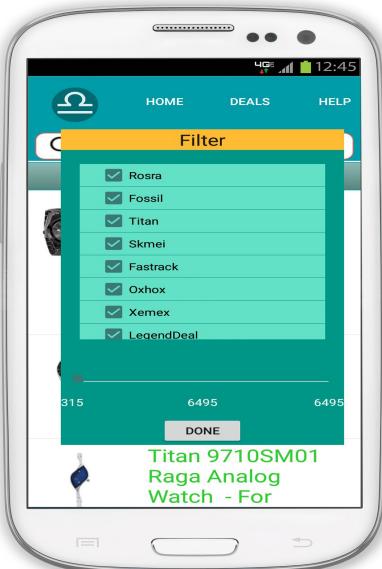
## Sorting the Results

Once the results for a search have been loaded, you can sort your results in either increasing or decreasing order of the price.



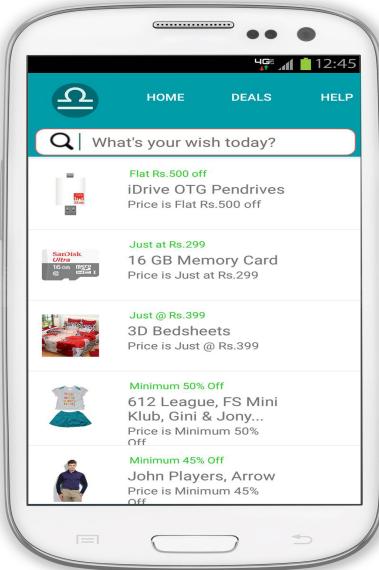
## Filtering Results

Libra allows you to filter the search results based on the product brands and even set a price range to suit your budget and preferences.



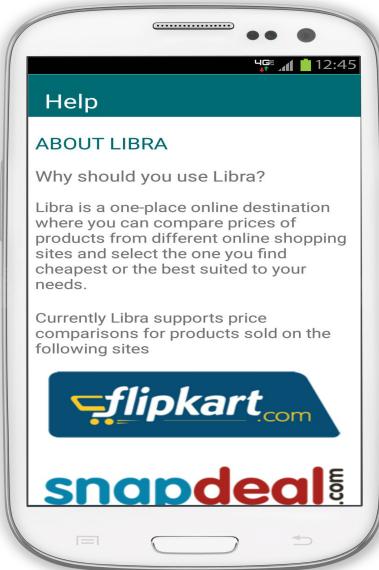
## Latest Deals

Libra makes it easier to keep yourself up to date with the latest offers on each top E-commerce sites. Just click on the deal that interests you and you will be redirected to the relevant page.



## Help Tab

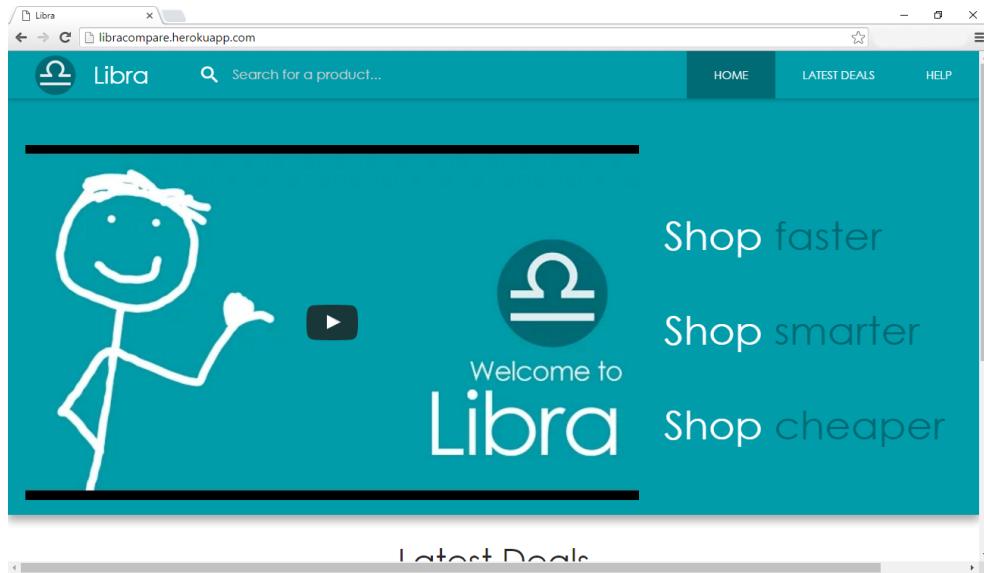
If you're wondering how to use our application, we have a help tab built into the app for your convenience.



## 3.2 The Desktop App

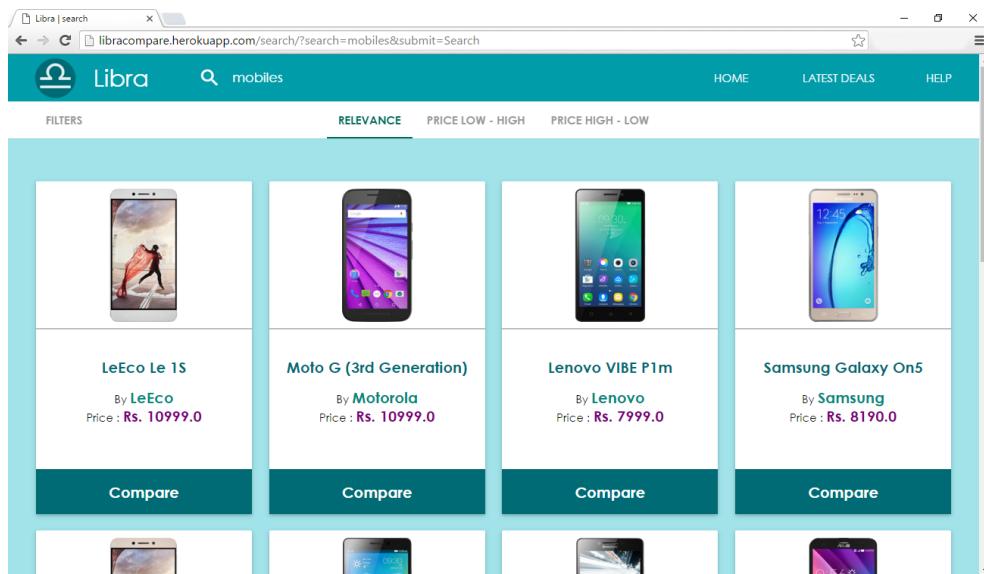
### Launching the website

Type libracompare.herokuapp.com in your browser and hit Enter. You will find yourself on our home-page.



### Search for a Product

Use the search bar in the site header and type in the product you are looking for, and then click enter. Results will be loaded based on the search key.



Click on the desired product to view the prices and the Delivery Times and then choose the deal you prefer.

The screenshot shows a Libra search result for a product. At the top, there are four logos for flipkart, amazon.com, snapdeal, and ebay. Below them, the following information is displayed:

Source	Price	Rating	Delivery
flipkart	729.0	NA	Usually Delivered in 8-9 business days.
amazon.com	849.00	2.7 / 5	NA
snapdeal	NA	NA	NA
ebay.in	Rs. 499.00	NA	NA

Below the table are four "GRAB THIS" buttons, each with a logo: flipkart, amazon, snapdeal, and ebay.

## Sort Results

Click on the sorting options to sort your search results based on price and relevance.

The screenshot shows a Libra search result for a product, sorted by "PRICE LOW - HIGH". The results are displayed in a grid:

Product	By	Price
Micromax Canvas Xpress 2	Micromax	Rs. 6199.0
Lenovo A6000 Plus	Lenovo	Rs. 7499.0
Lenovo A6000 Plus	Lenovo	Rs. 7499.0
Lenovo VIBE P1m	Lenovo	Rs. 7999.0

Each product card includes a "Compare" button at the bottom.

## Filter Results

Choose the price and brand filtering options to order your search results to suit your preference.

The screenshot shows the Libra search interface with the following details:

- Header:** Libra | search | libracompare.herokuapp.com/search/sort/lowtohigh#0
- Top Bar:** HOME, LATEST DEALS, HELP
- Left Sidebar (Filters):**
  - Brands:** LeEco, Motorola, Lenovo, Samsung, Asus, Micromax (LeEco, Motorola, and Micromax are checked).
  - Price:** Price range set from Rs. 6199.0 to Rs. 10999.0.
  - Buttons:** FILTER ➤
- Sort Options:** RELEVANCE, PRICE LOW - HIGH (selected), PRICE HIGH - LOW
- Product Grid:** Four products are displayed in a 2x2 grid:
  - Micromax Canvas Xpress 2** (By Micromax, Price: Rs. 6199.0)
  - Lenovo A6000 Plus** (By Lenovo, Price: Rs. 7499.0)
  - Lenovo A6000 Plus** (By Lenovo, Price: Rs. 7499.0)
  - Lenovo VIBE P1m** (By Lenovo, Price: Rs. 7999.0)
- Bottom Buttons:** Compare (for each row).

## Latest Deals

Visit the Latest Deals tab to keep yourself up to date with the latest offers and sales from the top E-commerce sites.

The screenshot shows the Libra deals interface with the following details:

- Header:** Libra | deals | libracompare.herokuapp.com/deals/
- Top Bar:** HOME, LATEST DEALS, HELP
- Deals Grid:** Eight deals are displayed in a 2x4 grid:
  - Flat Rs.500 off on iDrive OTG Pendrives** (Get this deal)
  - Just @ Rs.399 on 3D Bedsheets** (Get this deal)
  - Minimum 50% Off on 612 League, FS Mini Klub, Gini & Jony...** (Get this deal)
  - Minimum 45% Off on John Players, Arrow** (Get this deal)
  - Just at Rs.349 on Over the ear Headphones** (Get this deal)
  - Just Rs. 999 on From Philips** (Get this deal)
  - 40-60% Off on Tops, Dresses...** (Get this deal)
  - Minimum 40% Off on Handbags, Backpack...** (Get this deal)

# 4

## Security & Privacy

### 4.1 Security & Privacy Concerns

The Application does not collect any personal data from the user. No account details are hosted, therefore there are no security or privacy concerns related to Libra.

### 4.2 Compatibility Issues

Libra is designed to work on Android phones with Operating Systems of version 4.0 or later, so there may be issues with earlier versions of the Android OS. The Web App may have user-interface issues on Linux platforms.

### 4.3 Known Bugs

The app is known to lose connections to the server at times. The user can fix this by simply refreshing the page and the link is re-established.

On certain browsers like Safari, icons used in the application do not appear properly. This is because cross-site CSS is disabled on the browser

# 5

## Contact

For any queries, you may contact any of the following people:

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