



INDIRA COLLEGE OF ENGINEERING AND MANAGEMENT
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SYNOPSIS

UM BROWSER

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What is a UM Browser?

UM Browser is an android application designed to help people surf the Internet. It is used to locate & display web pages on the internet. It is similar to any other Web Browser like Chrome, Edge, Firefox, Opera, etc seen in the Global Market.

The main component of any web browser is the URL box. When an individual feeds some url and press enter button, the web browser sends the request to the DNS server through the ISP.

The DNS server searches for the IP address of that url address.

The correct IP address is then sent back to the Browser by the DNS Server. The Browser then connects to the server at that IP address and requests for the Web Page. And all of this is monitored through the Internet Service Provider (ISP).

Apart from the URL box, many web browsers come with other features like Password Manager, History, Bookmarks, and Extensions. One of such Browsers is the UM Browser which also comes with some features.

System Requirements

All the android devices having Android 5.1 or higher version supports the UM Browser.

System Requirements	Specification
Device	Android
Operating System	Android 5.0 & Up
Current Version	1.0
Storage	5 mb
Permissions	Internet & Storage

Software Used

- Android Studio
- Firebase Database

Description

- The UM Browser has been developed for the user requirements to surf the Internet.
- The User can feed the URL into the URL box, and can visit any website on the Internet.
- It comes with handsome of features like
 - **Theme**
One can change the theme of the Web Browser to the Dark Theme or the default Theme as per his/her interest.
 - **Incognito Mode**
Incognito Mode provides an individual to surf the Internet securely while maintaining his/her online privacy.

- **History & Bookmarks**
Now one can get the detailed overview of the websites visited in the past with the History tab provided in the Browser top-menu section.
- **Apps Integration**
The Browser comes with Apps integrated web pages like Amazon, Flipkart, Google News, etc that makes one's life easier.
- **Screen Recording**
This Browser also records your screen according to users need.

Conclusion

The UM Browser like any other Browser provides an individual the opportunity to surf the internet. But unlike common Browsers like Chrome, Firefox and Opera, one does not get the features of Password Manager, Extensions and Toolbar in the UM Browser. However, the Browser comes with handsome of features like Incognito Mode and Apps Integration.