



Praveen Srs - Srs Document

Software Engineering (Lovely Professional University)



VOOT

MOBILE APP APPLICATION

SOFTWARE REQUIREMENTS AND SPECIFICATIONS

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INTRODUCTION

1.1 PURPOSE

Voot is an Indian subscription video on demand (SVOD) service. Launched in March 2016, forms the online arm of Viacom 18. It is Viacom18's advertising-led video-on-demand platform that is available as an app for iOS, Kaios(Jiophone) and Android users, and a website for desktop consumption.

Type of site: Entertainment, video streaming etc.

Available in: English, Hindi, Kannada, Gujarati etc.

Owner: Viacom_18(Television Industry).

Launched: 26 March 2016.

1.2 SCOPE

Native Android & iOS Apps, Responsive Web

The streaming service owned by Viacom 18 provides online access to shows aired on their TV channels including Colors, MTV, Nickelodeon, etc. The catalog further expands to include numerous Indian movies. Voot has a dedicated kids section where it tries to maintain an air of nostalgia by offering shows like Powerpuff Girls, Mr. Bean, Pokemon, etc. It also provides its own set of web series under the brand name Voot Originals.

All the streaming content on Voot is available for free. Similar to Hotstar, it doesn't ask users to create an account to watch videos. However, a user account is required for a few things such as favorites, etc.

Overall, **Voot** provides a pretty decent video streaming experience for the Indian population speaking different languages. The service offers Chromecast support and multi-lingual audio where available but lacks subtitle support.

1.3 REFERENCE

Voot has content from Colors TV, MTV India, Nickelodeon India and other Viacom 18 owned television channels. It also hosts many Bollywood films for streaming. It has produced several 'Voot Original' shows for streaming as well. In the children's segment, it is working on shows in Malayalam and Telugu

<https://www.voot.com>

https://play.google.com/store/apps/details?id=com.tv.v18.viola&hl=en_IN

<https://en.wikipedia.org/wiki/Voot>

1.4 DEFINITIONS&ABBREVIATIONS

VOOT

Acronym	Definition
VOOT	Virtual-On: Oratorio Tangram (<i>Sega</i>)

1.5 OVERVIEW

Voot is an Indian subscription video on demand (SVOD) service. Launched in March 2016, forms the online arm of Viacom 18. It is Viacom18's advertising-led video-on-demand platform that is available as an app for iOS , Kaios(Jiophone) and Android users, and a website for desktop consumption.

Voot is available only in India, and hosts over 40,000 hours of video content^[4] that includes shows from channels like MTV, Nickelodeon and Colors.^[2] Content is also available in multiple languages like Kannada, Marathi, Bengali, Gujarati and Tamil.

SPECIFIC REQUIREMENTS

2.1 FUNCTIONAL REQUIREMENTS

2.1.1 LOGIN REQUIREMENT

- The login screen allows registered users to login to the site to access all of the features that their account gives them access to.
- If they type in their username and password and click submit the users credentials are validated and if correct they are logged in.

INPUT : User need Enter the login details(First name,Last name,Birthdate,Gender).

PROCESS : APP will read the details are validate or not.

OUTPUT : If- the details are valid. The APP will display the categories(Voot, Kids,News).

Else-Details are not valid the APP will displays not-valid or datails are already exist.

2.1.2 SEARCH REQUIREMENT

- The system shall accept a list of keywords and return a list of URLs whose
- descriptions contain any of the given keywords.
- The system uses index system to maintain a database of URLs and the
- corresponding descriptions.

INPUT : User need to Search(Shows,Channels,News).

PROCESS : APP will check the **DATA BASE** based on search.

OUTPUT : The APP will displays the Home of Shows,Channels and News.

INPUT : User need to select (Programs,Shows,Various Channels,News Channels).

OUTPUT : The APP will displays the information based on the data base.

2.1.3 DOWNLOAD REQUIREMENT

- This requirement is used to download videos and movies etc.

INPUT : User need to press the download option(News,shows,videos,movies).

OUTPUT : The APP will download(videos,movies etc.) what user want.

INPUT : After downloading user need to enter the menu bar and press the downloads Option.

OUTPUT : If- Videos are available.The APP will displays TV shows and Movies that you downloaded appear here.

Else-The APP will displays the no download Videos and TV shows.

2.1.4 SETTINGS REQUIREMENTS

- The settings screen is where users will go when they are confused and looking for guidance, making this screen vital to retaining users who are having trouble with an app.

- Providing a useful set of options or settings can produce improved retention, fewer angry reviews and more valuable feedback, all of which are required to improve an app's performance, from a design, development and marketing perspective.

INPUT : User need to enter the menu bar press the settings option.

OUTPUT : The APP will displays the settings page. User can change settings (Parental control, Language, Download quality, Clear history, Download only on Wifi).

2.1.5 FEEDBACK REQUIREMENT

- The **feedback** provider is credible in the eyes of the **feedback** recipient.
- The **feedback** provider is trusted by the **feedback** recipient.
- The **feedback** is conveyed with good intentions.
- The timing and the circumstances of giving the **feedback** are appropriate.
- The **feedback** is given in an interactive manner.

INPUT : User need to open the menu bar press the feed back option.

OUTPUT : The APP will displays the feed back page.

INPUT : After opening feedback page User need to enter the personal details (Name, Email,) and complaint about any show or video.

PROCESS : The APP will read and check the details are valid or not.

OUTPUT : If-details are valid feedback will be submitted to DBA.

Else-It displays not valid datails.

2.1.6 LOGOUT REQUIREMENT

- Logout is a use case, not being a precondition for any other use case and, in principle, satisfying the model.
- Example: Actor returns from the bathroom, realizes it's quitting time, logs off and goes home smiling.
- The use case goal is either "Secure the system from an unattended workstation," or "Prevent an ugly confrontation with the system administrator." Maybe both.

INPUT : User need to open menu bar and press the LOGOUT option.

OUTPUT : If-App will be successfully loge out. The system will displays the LOGIN PAGE.

2.2 NON-FUNCTIONAL REQUIREMENTS

2.2.1 USABILITY : Voot is a very popular video on-demand platform. Mobile devices are a primary form of media consumption in India. Such devices often have limited storage for native **apps**, making mobile web a critical part of the **Voot** product strategy. Most mobile **Voot** users access the internet via metered 2G and 3G networks.

2.2.2 RELIABILITY&AVAILABILITY : The Service is being provided to You for free and there are no subscription charges for the usage of the Service. However, the Company reserves the right to adopt any method of monetization through the Service in the future as it deems fit.

This Service is offered and made available only to Users above the age of 18 years (or above 21 years where a guardian is appointed as per the Majority Act of 1875) ("**Age of Majority**").

If You are under the Age of Majority and continue accessing the Service, the Company will assume that You have reviewed these Terms of Use and the Privacy Policy with

Your parent/legal guardian and Your parent/legal guardian understands and agrees to it on Your behalf. If You are under the Age of Majority at the time of accessing and/or using the Service, Your access and usage of the Service shall be deemed to be subject to parental/legal guardian consent and under parental/legal guardian's guidance at all times.

2.2.3 PERFORMANCE : It is mobile app performance optimization that makes it possible In order to minimize risks and cut costs, it is important to identify the appropriate test that must be applied to the software product. And for that to happen, it is vital to get acquainted with the difference in various performance test types. In the following section, we will discuss the most popular types of performance testing and tools required to execute them.

2.2.4 MAINTAINBILITY : A commercial data base used for maintaining the database and the applications server takes care of the site.In case of failure ,a-reinitialization of the programm will be done also the software design beingdone with modularity in mind so that maintainability can be done efficiently.

2.2.5 SECURITY : The following sets forth the policies for the collection and use of personally identifiable information ("Information") by Voot LLC ("Voot" or "We") in connection with the operation of the web site known as Voot (wevoot.com) and other Web sites it operates (each a "Site", collectively the "Sites," and together with payment services from our partners, collectively known as the "Service") and supersedes any previous statement of such policies. We take our obligations regarding privacy very seriously, and want to ensure users are fully informed about the Information they are providing to us. Information includes both that which would allow others to identify you, such as your name and email address, as well as information about your activities and preferences, so we strongly advise you to read this policy carefully.

CONSTRAINTS&ASSUMPTIONS

We reserve the right to cancel a User account at any time for any reason in our sole discretion.

User accounts may be cancelled for several reasons, including but not limited to:

- Submitting any unlawful, harassing, libelous, abusive, threatening, harmful, bigoted, racially offensive, obscene, or otherwise objectionable Content
- Any sexually explicit Content
- Language or User conduct that could constitute a criminal offense, give rise to civil liability, or otherwise violate any applicable local, state, national, or international law or regulation
- Posting any unsolicited or unauthorized advertising, "spam," or junk mail, including "chain letters" and "pyramid schemes"
- Submitting any Content that is alleged to infringe any patent, trademark, trade secret, copyright, or other proprietary right
- Uploading a virus or Content designed to disrupt, limit, or damage any functionality of any computer software or hardware
- Posting Content originally posted by another User without permission or attribution
- If we in our judgment and sole discretion deem it appropriate.

Without limiting any of our other rights under these Terms, we may limit, suspend, terminate, modify, or delete your account or access to the Service if you are, or we suspect that you are, failing to comply with any of these Terms of Service for any actual or suspected illegal or improper use of the Service, with or without notice to You. Additionally, we may limit, suspend, terminate, modify, or delete your account or access to the Service if we believe that you are infringing the intellectual property rights of third parties, or are acting inconsistently with the letter or spirit of our Terms or any published policies.

