

Assignment

On

Human-Computer Interaction (HCI) guidelines

¹website:torrentbd.net

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Contents

1	Visual Display Layout:	2
1.1	Place important items consistently:	2
1.2	Establish level of importance:	2
1.3	Structure for easy comparison:	3
1.4	appropriate line lengths:	3
1.5	Buttons:	5
2	Information Structuring and Navigation:	6
2.1	Minimal input actions by user:	6
2.2	Compatibility of data entry with data display:	7
2.3	Clear and effective labeling of buttons and data-entry fields:	7
2.4	Visibility of system status:	8
2.5	Documentation and Help:	9
3	User with Disability:	10
3.1	Perceivable:	10
3.2	Operable:	11
4	Mobile Device:	12
4.1	Large hit targets:	12
5	Security and Privacy:	13
5.1	Implement authentication and authorization:	13

Chapter 1

Visual Display Layout:

1.1 Place important items consistently:

"Consistently place important items" is a Human-Computer Interaction guideline emphasizing the importance of maintaining a predictable layout for essential elements within a digital interface. By ensuring that crucial items such as navigation menus, action buttons, or vital information are consistently located across different screens or pages, users can navigate and interact with the system more efficiently.

In my selected website all the important items are in the front page, e.g. trending movies, chats, important notice.

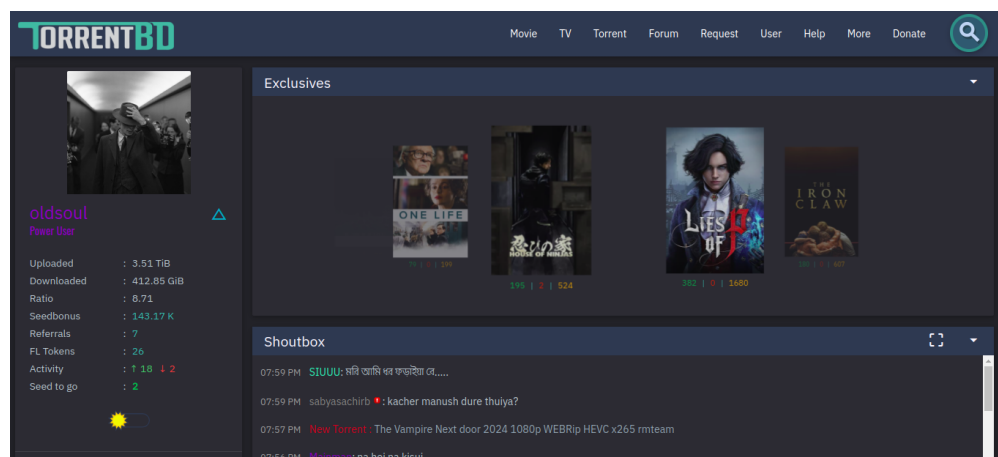


Figure 1.1: items consistency

Points:10/10

1.2 Establish level of importance:

"Establish level of importance" is a guideline in Human-Computer Interaction (HCI) that advises designers to prioritize elements within a user interface based on their significance to the user or the task at hand. This involves identifying and categorizing elements according to their importance, relevance, or frequency of use. In torrent bd, it's not maintaining the level of importance rather it's divided into sections.

Points:4/10

1.3 Structure for easy comparison:

”Structure for easy comparison” is a guideline in Human-Computer Interaction that emphasizes organizing information in a manner that facilitates effortless comparison. By arranging data or elements in a clear and structured format, users can quickly identify similarities, differences, or patterns, aiding in decision-making or analysis. In my chosen website similar components are arranged in the same box.

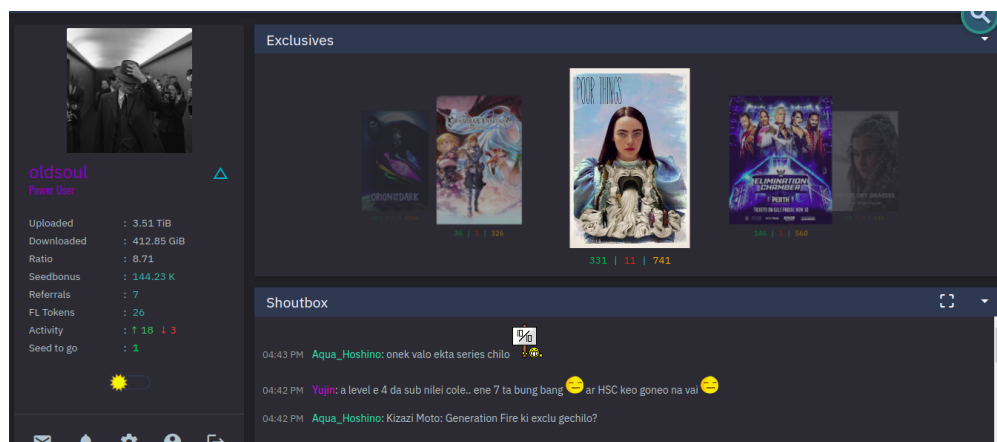


Figure 1.3.0: easy comparison structure

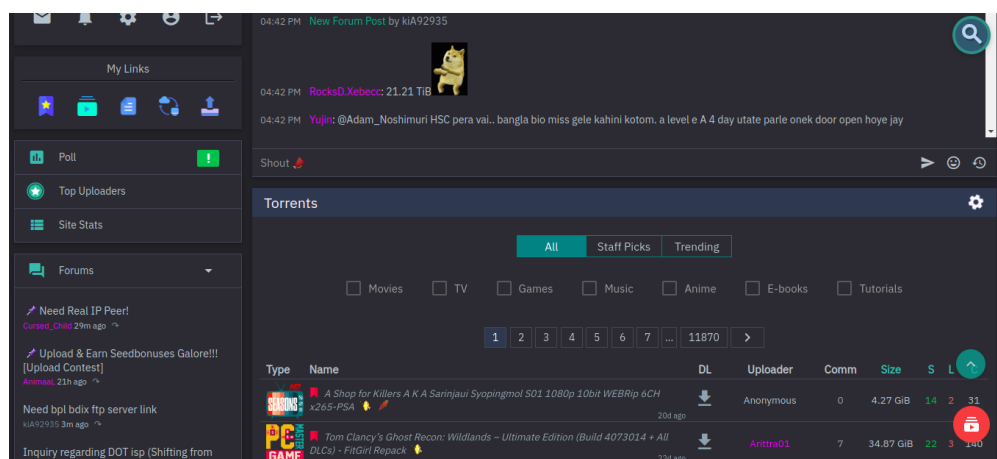


Figure 1.3.1: easy comparison structure

Points:8/10

Form section can be improved with more structured way.

1.4 appropriate line lengths:

- Alternatively, if ensuring user acceptance of the website is the priority, use shorter lines (50 characters per line). This enhances readability and comprehension, making it easier for users to engage with the content.
- For prioritizing reading speed, opt for longer lines (75-100 characters per line). This allows readers to move quickly through the content.

Movie section is a little messy with much characters per-line. This should be improved.



Figure 1.4.0: items consistency

1080P Bluray	Amnesia 2001 1080p BluRay AVC DTS-HD MA 5.1 x264-HDEX	2h 27m ago	Anonymous	1	13.31 GiB	1	1	0
WEB-DL	Prem Kumar 2023 1080p AMZN WEB-DL DDP2.0 H.264-Telly	2h 28m ago	DEAD_SONG	0	9.39 GiB	1	1	0
EPISODE	The Impossible Heir S01E02 1080p DSNP WEB-DL DD+ 5.1 H.264-APEX	2h 30m ago	Anonymous	0	2.42 GiB	3	2	1
EPISODE	The Impossible Heir S01E01 1080p DSNP WEB-DL DDP5.1 H264 - APEX	2h 34m ago	Postman	0	2.65 GiB	3	1	2
WEB-DL	Narayana & Co 2023 1080p AMZN WEB-DL MULTI DDP2.0 H.264-Telly	2h 35m ago	DEAD_SONG	0	9.37 GiB	2	0	1
WEB-DL	Love By Design 2023 1080p AMZN WEB-DL DDP 5.1 H.264-SEINBoob	2h 43m ago	DEAD_SONG	0	5.79 GiB	1	0	0
EPISODE	Star Wars The Bad Batch S03E04 A Different Approach 1080p DSNP WEB-DL DDP5.1 H.264-FLUX	2h 46m ago	MINION	0	1.20 GiB	11	1	1
PC	Akuyaku Reijou Level 99 S01E08 1080p WEBRip AAC2.0 x265 -Tamim	2h 49m ago	RocksD.Xebec	1	385.92 MiB	1	0	0
PC	Welcome to ParadiZe: Supporter Edition (All DLCs + MULTI13) [DODI Repack]		RocksD.Xebec	0	10.47 GiB	2	1	1

Figure 1.4.1: little messy

Points:7/10

1.5 Buttons:

Use clear and concise labels, and make sure that buttons are large enough to be easily clicked or tapped. In the provided website some button don't show like -

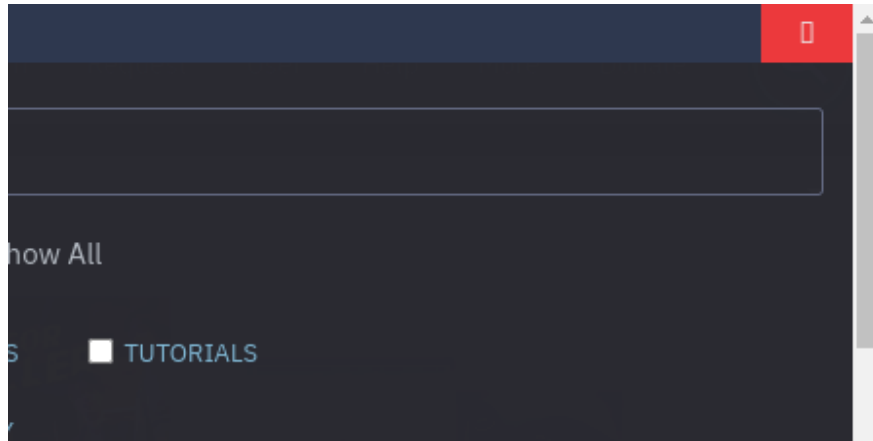


Figure 1.6: Minimal input actions by user

Points:3/10

Chapter 2

Information Structuring and Navigation:

2.1 Minimal input actions by user:

- Proper use of single-key commands.
- Mouse selection.
- Auto-completion features
- Selecting from list
- Use default values
- Avoid switching between keyboard and mouse.

From the perspective of suggested website, mouse selection is good. But there is no auto completion, for that mouse and keyboard switch can be seen many times.

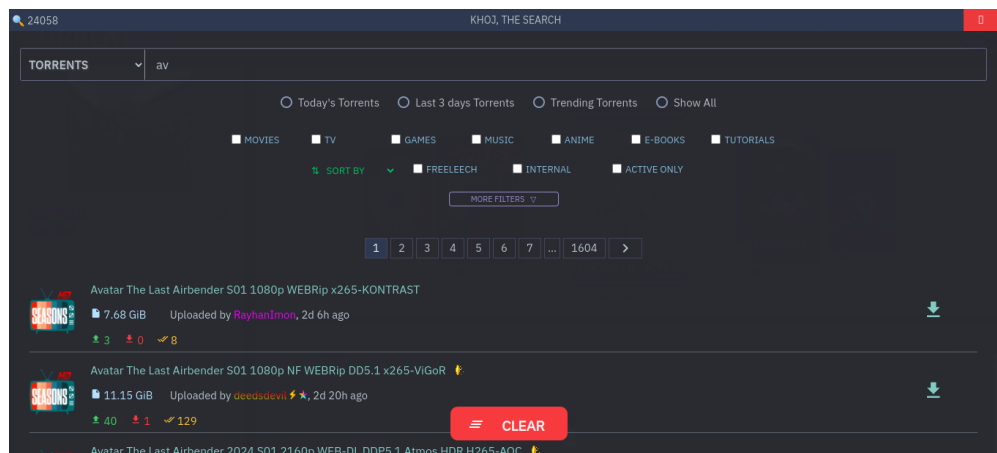


Figure 2.1: Minimal input actions by user

Point:5/10

2.2 Compatibility of data entry with data display:

”Compatibility of data entry with data display” means that the format in which users enter data should closely resemble the format in which that data is displayed. If users are inputting information into a form or interface using specific formatting, such as bold text or bullet points, they should see a representation of that formatting as they enter it.

In torrent bd, the user can see what he/she searching, but it's not showing the boldness in the searching result.

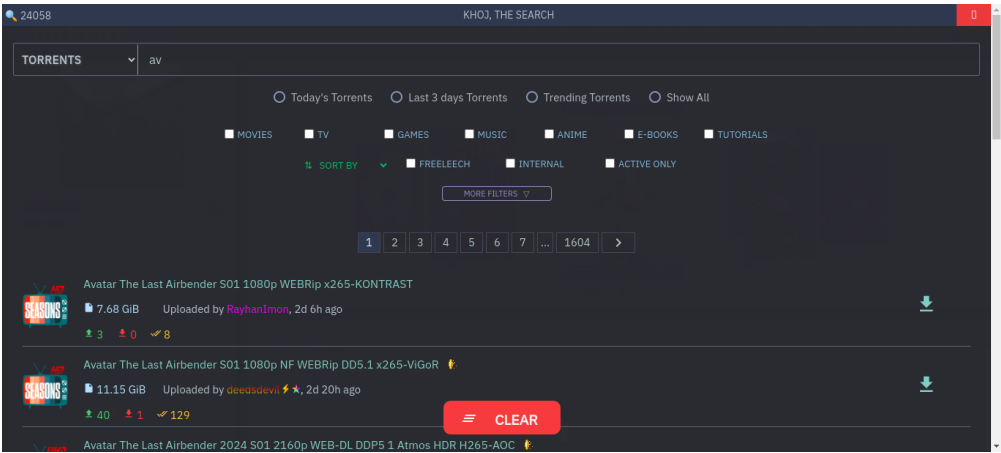


Figure 2.2: Compatibility of data entry

Point: 6.5/10

2.3 Clear and effective labeling of buttons and data-entry fields:

”Clear and effective labeling of buttons and data-entry fields” is a guideline in Human-Computer Interaction (HCI) that emphasizes the importance of providing descriptive and easily understandable labels for interactive elements such as buttons and input fields within a user interface.

In the movie searching section all the data-entry field are nicely labeled.

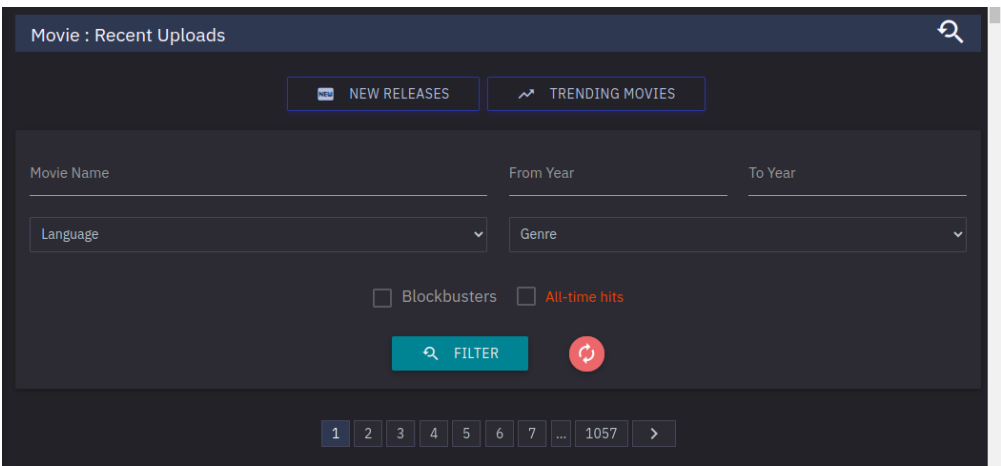


Figure 2.3: Compatibility of data entry

Point: 10/10

2.4 Visibility of system status:

Keep users informed about what is happening with the system, through appropriate feedback within a reasonable time.

In the section of user profile ,a user can see what is happening in his/her profile,total download , upload ,seed bonus & warning.

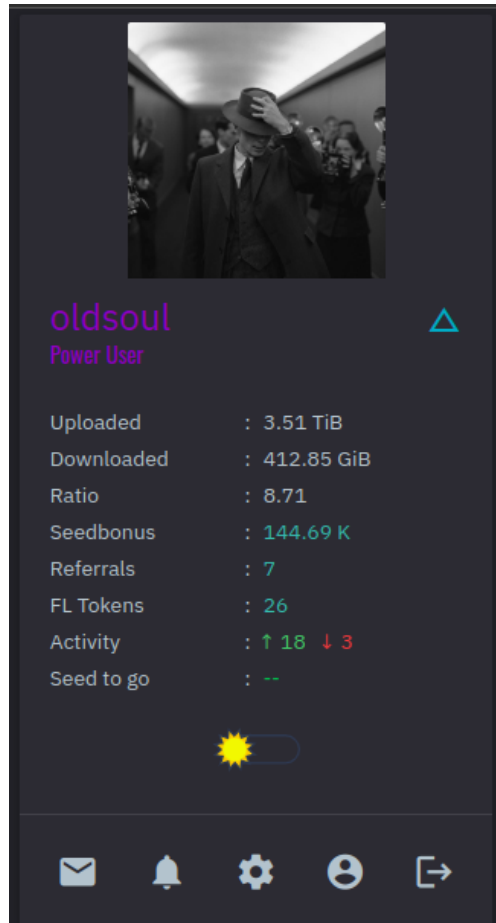
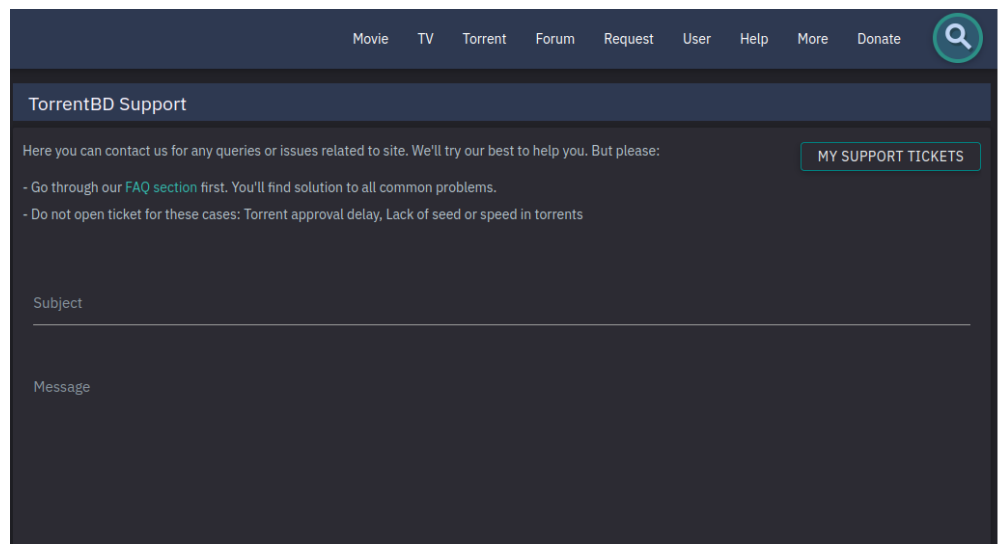


Figure 2.4: Visibility of system status

Point: 10/10

2.5 Documentation and Help:

torrent bd is well documented and had a good reliable helpline.



The screenshot shows the 'TorrentBD Support' page. At the top is a dark navigation bar with links: Movie, TV, Torrent, Forum, Request, User, Help, More, and Donate. A search icon is on the right. Below the navigation bar is a section titled 'TorrentBD Support'. It contains a message: 'Here you can contact us for any queries or issues related to site. We'll try our best to help you. But please:'. To the right of this message is a button labeled 'MY SUPPORT TICKETS'. Below the message are two bullet points: '- Go through our [FAQ section](#) first. You'll find solution to all common problems.' and '- Do not open ticket for these cases: Torrent approval delay, Lack of seed or speed in torrents'. At the bottom of the form are two input fields: 'Subject' and 'Message'.

Figure 2.5: Visibility of system status

Point: 10/10

Chapter 3

User with Disability:

3.1 Perceivable:

For the disable people certain things should be considered like-

- Provide text alternatives for non text content.
- Provide captions and other alternatives for multimedia.
- Create content that can be presented in different ways, including by assistive technologies, without losing meaning.
- Make it easier for user to see and hear content.

In torrent bd all of the above requirement are met.

- Provide text alternatives for non text content.✓
- Provide captions and other alternatives for multimedia.✓
- Create content that can be presented in different ways, including by assistive technologies, without losing meaning.✓
- Make it easier for user to see and hear content.✓

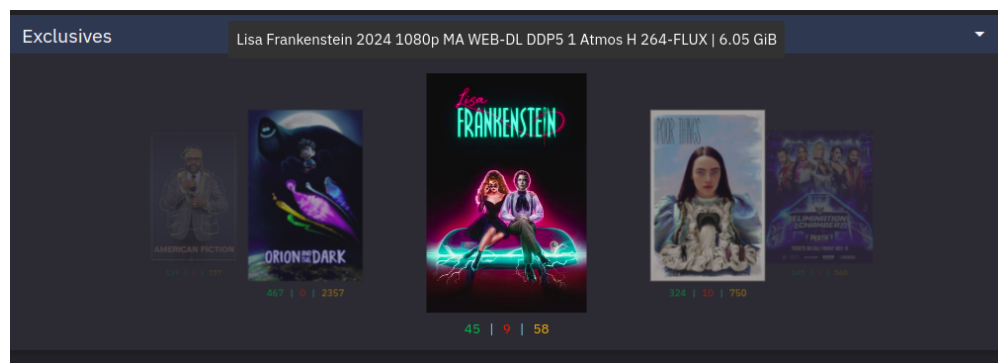


Figure 3.1: Perceivable

Point:9/10

3.2 Operable:

- Make all functionality available from a keyboard.
- Give users enough time to read and use content.
- Do not use content that causes seizures.
- Help users navigate and find content.

From the perspective of torrent bd website these are not meet-

- Make all functionality available from a keyboard.✗
- Give users enough time to read and use content.✓
- Do not use content that causes seizures.✓
- Help users navigate and find content.✗^{3.2.1}

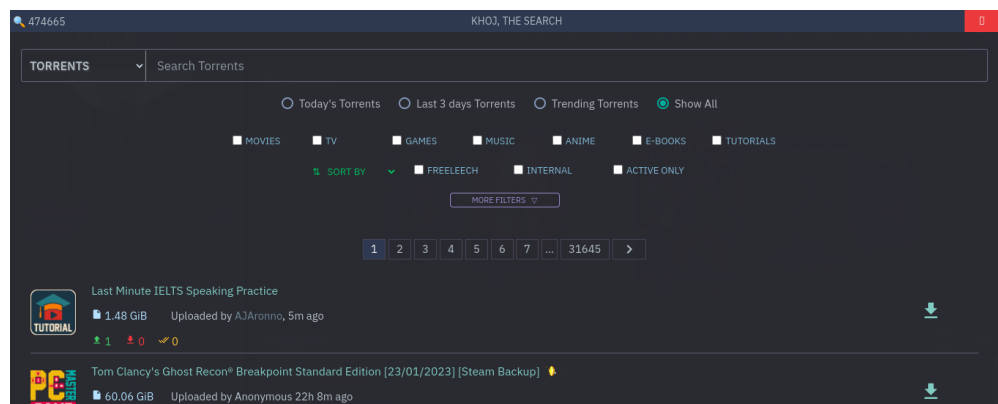


Figure 3.2.1: dead end

Point: 7/10

Chapter 4

Mobile Device:

4.1 Large hit targets:

”Large hit targets on mobile devices” is a guideline in user interface design that emphasizes the importance of making interactive elements, such as buttons and links, sufficiently large and easy to tap on touchscreen devices like smartphones and tablets.

From the mobile device perspective,torrent bd has large buttons, interactive elements etc.

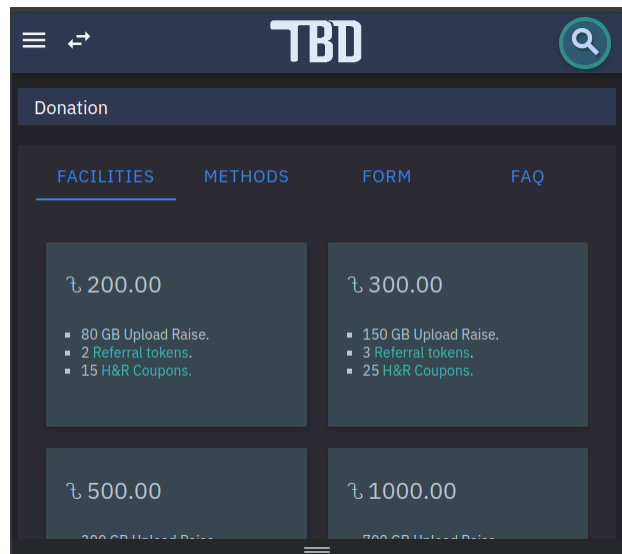


Figure 4.1: Large hit targets

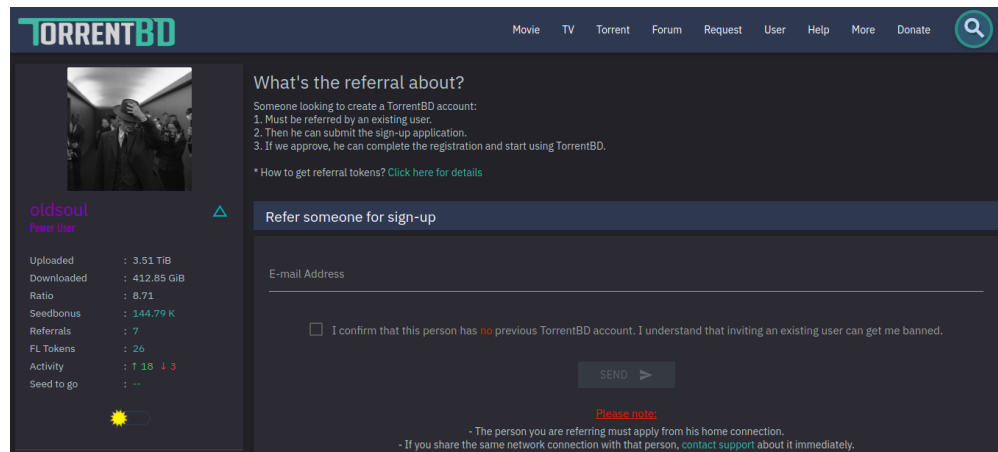
Point: 10/10

Chapter 5


Security and Privacy:

5.1 Implement authentication and authorization:

As a user can only open an account ,when another verified user referred him/her.This ensures tight security and valid users.



The screenshot shows the TorrentBD website's referral interface. On the left, a user profile for 'oldsoul' is displayed with various statistics. The main area contains a 'Refer someone for sign-up' form with an 'E-mail Address' input field, a confirmation checkbox, and a 'SEND' button. A 'Please note' section at the bottom provides additional instructions.

TORRENTBD | Movie | TV | Torrent | Forum | Request | User | Help | More | Donate | 

oldsoul
Power User

Uploaded : 3.51 TiB
Downloaded : 412.85 GiB
Ratio : 8.71
Seedbonus : 144.79 K
Referrals : 7
FL Tokens : 26
Activity : ↑ 18 ↓ 3
Seed to go : --

What's the referral about?
Someone looking to create a TorrentBD account:
1. Must be referred by an existing user.
2. Then he can submit the sign-up application.
3. If we approve, he can complete the registration and start using TorrentBD.
* How to get referral tokens? [Click here for details](#)

Refer someone for sign-up

E-mail Address

☐ I confirm that this person has **no** previous TorrentBD account. I understand that inviting an existing user can get me banned.

SEND >

Please note:
- The person you are referring must apply from his home connection.
- If you share the same network connection with that person, [contact support](#) about it immediately.

Figure 4.1: authentication and authorization

Point: 10/10

References

1. Torrentbd. Images Retrieved from <https://www.torrentbd.net/>
2. GeeksforGeeks. Guidelines in Human-Computer Interface (HCI). Retrieved from <https://www.geeksforgeeks.org/guidelines-in-human-computer-interfacehci/>