

# HCI COURSE PROJECT



## **TEAM MEMBERS:**

**CED18I009** - Bhaskar R

**CED18I018** - Dileep Kumar E

**CED18I035** - Kasi Viswanath M

**CED18I036** - Naveen Kumar Reddy N

**CED18I054** - V S Praveen

# Introduction

Cricbuzz is an Indian cricket news website owned by Times Internet. It features news, articles, and live coverage of cricket matches including videos, text commentary, player stats, and team rankings. Their website also offers a mobile app.

Cricbuzz is one of the most popular mobile apps for cricket news and scores in India.

## UI

The screenshot shows the Cricbuzz website homepage. At the top is a navigation bar with the Cricbuzz logo, Live Scores, Schedule, Archives, News, Series, Teams, Videos, Rankings, More, Cricbuzz Plus, a search icon, and a user profile icon. Below the navigation bar is a sub-navigation menu with MATCHES, RCB vs MI - Live, CSK vs KKR - CSK Won, SRH vs RR - Preview, ENGW vs NZW - ENG..., AUSW vs INDW - IND..., and an ALL dropdown. The main content area features a "FEATURED MATCHES" section with four cards: RCB vs MI (165-6), KKR vs CSK (171-6), Sunrisers Hyderabad vs Rajasthan Royals (172-8), and ENGW vs NZW (347-5). Below this is an "IPL 2021" section with links to Home, Schedule, Points Table, News, Videos, Squads, Wicket Zone, Boundary Tracker, and News Digest. To the left is a "LATEST NEWS" sidebar with articles about Sydney Thunder, BCCI tournaments, Minor League Cricket, Ready Reckoner, and Rashid Ballance. The central part of the page has a "RCB VS MI, 39TH MATCH" section with a photo of players from both teams. To the right is a "FEATURED VIDEOS" section with a video thumbnail for "Cricbuzz Comm Box: Match 39, Bangalore v Mumbai, 2nd innings".

**FEATURED MATCHES**

Team	Score	Opponent	Score	Result	Date	
RCB	165-6 (20)	KKR	171-6 (20)	Sunrisers Hyderabad	ENGW	347-5 (50)
MI	97-5 (14.1)	CSK	172-8 (20)	Rajasthan Royals	NZW	144 (35.2)
Mumbai Indians need 69 runs in 35 balls			Chennai Super Kings won by 2 wkts			England Women won by 203 runs

**IPL 2021** Home Schedule Points Table News Videos Squads Wicket Zone Boundary Tracker News Digest

**LATEST NEWS**

- Sydney Thunder sign Mandhana, Deepti 14h ago
- BCCI to conduct 13 tournaments, 1054 domestic games in 2021-22 season 1d ago
- Minor League Cricket Player Spotlight: Harmeet Singh and Rishi Bhardwaj 1d ago
- Ready Reckoner: Oman-Scotland-PNG tri-series, CWC League 2 - Round 7 1d ago
- Haven't looked at the last ball no-ball yet: Mandhana 1d ago
- Rashid, Ballance sign

**RCB VS MI, 39TH MATCH**

**All-round Maxwell leaves MI hurting**

Both Kohli and Maxwell struck half-centuries for RCB

Team	Score	Opponent	Score	Result
MI	94-4 (13.2)	RCB	165-6 (20)	Mumbai Indians need 72 runs in 40 balls

[Live blog](#)

**FEATURED VIDEOS**

**Cricbuzz Comm Box: Match 39, Bangalore v Mumbai, 2nd innings**

17m ago

**Bangalore's mentality questionable, they are an immature group: Vaughan**

54m ago

The whole webpage is divided into three sections

- 1st section contains the Menu bar
- 2nd section contains featured matches with live updates
- 3rd section is further divided into 3 sub-columns
  - The first column provides the latest news related to the cricket sport
  - The second column is about live blogs(including live scores) and featured stories
  - The third column is featured videos

## Concepts

**Mental Model:**

**Pros:**

1. The core objective of the website is to provide the live score and that is the interaction point of the user.
2. The live or the latest news is available on the home page/landing page which is similar to the famous information providing websites such as goal.com, flash score.in etc.,
3. The website is designed in a way that is centred to attract the person to the content. The placement of the content forces a user to not get distracted.
4. The jumbo box menu bar /navigation bar is placed at the top and the whole box or the map of the website can be accessed on a single screen which is a typical user behaviour to expect at the start of any webpage.
5. The search bar and the login/profile info are located at the top right which is again a mental model perceived by the user from many years of usage.



---

### **Cons:**

1. The home button is placed at a relatively lower point in the website which is a violation of the mental model.
2. The webpage has a box-type shape and a lot of space is unused which gives a sense of incompleteness.

### **Usability and Ease of use:**

### **Pros:**

1. The presently ongoing match is visible to the user at a single glance in the featured section
2. The drop-down menus are auto-open when hovered over.
3. Photos are used instead of words to symbolize the key moments in the match which in turn improves the user experience
4. The present news is the score and the team's info and the ball by ball info are all in word format and up to the point without much computer graphics which leads to a faster loading of the webpage thus being accessible to a large number of people within a fraction of second.

### **Cons:**

1. In the Featured matches section the links are not recognizable (No visible difference to identify it as a clickable link)
2. In the menu bar, the sections where our cursor is not being hovered create a sense of confusion to the user
3. In the featured section it is a bit difficult to identify that it contains multiple match scores
4. The whole website is not visually appealing

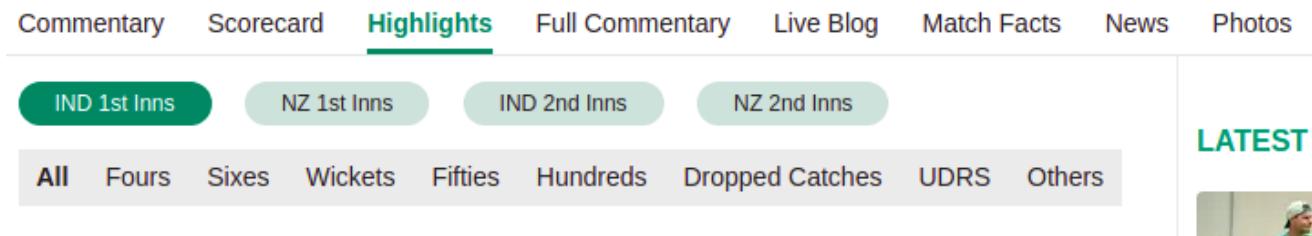
### **Learnability**

- For first time users, it is easy to identify the match and view the score
- But every other feature is not readily understandable for new users
- They will find it difficult to access the majority of features when they encountered them the first time

## Flexibility

Accommodates a wide range of individual preferences and abilities. Provide adaptability to the user's pace.

- Cricbuzz provides many features for flexibility of users to use the website in their desired way



- But they still lack the support for multiple languages

## Robustness

The level of support provided to users in determining the achievement and assessment of goal-directed behaviour.

### Affordances:

Properties that show all actions the user can perform using the product.

1. Live score feed along with ball by ball commentary
2. Top stories and videos
3. Schedule for upcoming matches and tours
4. Ranking of the teams and players
5. Statistics of a particular team, player or a match

### Modality:

#### Computer-Human Modalities:

1. Search icon shows us that we can search regarding any previous matches, blogs or any video
2. The result of any completed match is highlighted in blue colour showing that it is a clickable link and redirecting us to the scorecard of that match
3. The badge on the top right corner of the video tells us that the video is for premium users

## Human-Computer Modalities;

1. Keyboard - It is used for searching the content and to navigate
2. Mouse - It's used for navigation purposes and clickables.
3. Mobile - The touch can be used for navigation

## Navigation design :

- They are a few drop-down lists on the website
- There is no colour change while moving the cursor on the menu that looks not good. In some cases, colour is changing while moving the cursor but it coincides with the background colour which may not be identified by the user. Overall Navigation design is not good

## Colour psychology :

Cricbuzz logo consists of two colours green and white text with a green background. Here the green colour represents majorly the grass in the ground. The green colour also signifies safety, nature, and growth.

The entire website consists of an only green and white background with black font.

The screenshot shows the Cricbuzz website homepage. At the top, there is a navigation bar with links for Live Scores, Schedule, Archives, News, Series, Teams, Videos, Rankings, More, and Cricbuzz Plus. Below the navigation bar, there is a search icon and a user profile icon. A secondary navigation bar shows links for MATCHES, CLS vs GGD - Live, IND vs NZ - IND Won, SYT vs BRH - SYT Won, DMG vs KDW - DMG W..., RSA vs INDA - Stumps, and an ALL dropdown. The main content area features a section titled "FEATURED MATCHES" with four cards. Each card displays match details: GGD vs CLS (GGD 116-8 (20), CLS 39-3 (4.5)), IND vs NZ (IND 325 & 276-7 d, NZ 62 & 167, India won by 372 runs), BRH vs SYT (BRH 140-8 (20), SYT 141-3 (17.1), Sydney Thunder won by 7 wkts), and DMG vs KDW (DMG 190-7 (20), KDW 170-8 (20), Dambulla Giants won by 20 runs). A green circular arrow button is located to the right of the fourth card.

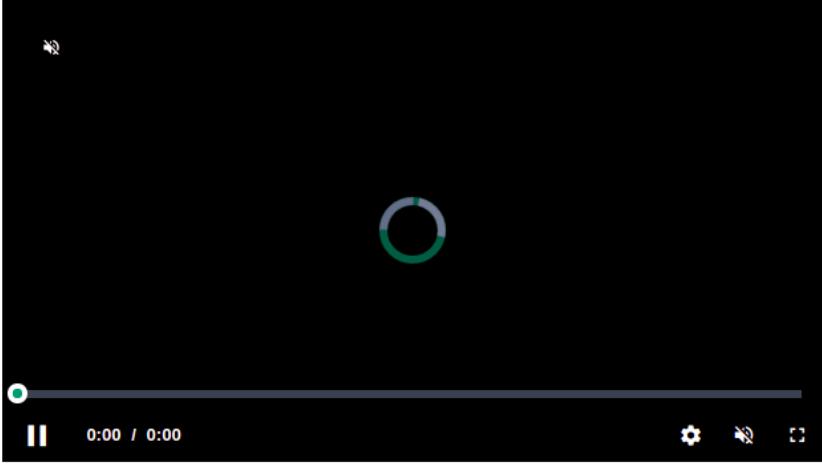
On the cricbuzz website, we can also see two colours of info for the matches. Blue colour denotes match is completed and red colour denotes match is still going on.

## Captcha:

As of now, cricbuzz is not using the captcha

## Progress bars

In videos, cricbuzz uses an indeterminate loading bar



The screenshot shows a video player interface on the Cricbuzz website. The video frame is black with a green circular progress bar in the center. Below the frame is a control bar with a play button, a progress bar showing 0:00 / 0:00, and other controls. To the right of the video frame is a sidebar titled "SUGGESTED VIDEOS" featuring a thumbnail of a player and some text.

**SUGGESTED VIDEOS**

Shubman Gill has to play simple cricket & build on strong start:  
Pragyan Ojha  
Nov 25 2021

**Quinton de Kock की XI में वापसी, सबके लिए है win-win situation: Ajay Jadeja**

Sat, Oct 30 2021      [Tweet](#)      [Share](#)      [Copy URL](#)

## Universal design

### Equitable Use :

The screenshot shows the Cricbuzz website's homepage. A large callout bubble highlights the 'Cricket Series' section in the top navigation bar. Below it, a list of cricket series is displayed, including 'New Zealand tour of India, 2021', 'Pakistan tour of Bangladesh, 2021', 'West Indies tour of Sri Lanka, 2021', 'The Ashes, 2021-22', 'India A tour of South Africa, 2021', 'T10 League 2021-22', 'Big Bash League 2021-22', and 'Lanka Premier League 2021'. A green arrow points from the text 'We can select the required subsection' to the 'All Series »' link at the bottom of this list.

We can select the required subsection

- This website will Provide the same means of use for all types of users
- Accommodates a wide range of individual preferences and abilities
- But it is not accessible by a large number of cricket fans in India or elsewhere who don't know English. We have to add a feature to support multiple languages

### Flexibility in use of design (Accommodates a wide range of individual preferences and abilities)

- This website(Cricbuzz) can be used by all types of users
- Both left-handed and right-handed users can use the website

## Simple and intuitive use

The screenshot shows the Cricbuzz website homepage. At the top, there's a navigation bar with links for Live Scores, Schedule, Archives, News, Series, Teams, Videos, Rankings, More, and Cricbuzz Plus. Below the navigation is a search bar and a user icon. The main content area has a section for 'FEATURED MATCHES' with four cards showing recent results: GGD vs CLS, IND vs NZ, BRH vs SYT, and DMG vs KDW. Below this is a 'LATEST NEWS' section with articles about CSA's updated schedule, Bangladesh women's team COVID-19 cases, Ireland's tour of West Indies, Darren Gough's appointment, and Shakib Al Hasan's leave. To the right is a 'INDIA TOUR OF SOUTH AFRICA, 2021-22' section with a large image of a batsman in action and a video thumbnail for 'Cricbuzz Chatter: India take down NZ in dominating fashion! Dinesh Karthik & Simon Doull review'. At the bottom left is a 'IND VS NZ, 2ND TEST' section with a video thumbnail featuring Virat Kohli.

- The main functionality of this app is to check the scorecard and commentary
- The one who is not familiar with this also can easily use this
- All kinds of age groups can use this app

## Perceptible information

India won by 372 runs

PLAYER OF THE MATCH

Mayank Agarwal

PLAYER OF THE SERIES

Ravichandran Ashwin

Thumbnail gives us a brief insights of the video



- Design communicates necessary information effectively to the user, regardless of ambient conditions or the user's sensory abilities

Low physical effort

The screenshot shows the cricbuzz website interface. At the top, there's a navigation bar with links for Live Scores, Schedule, Archives, News, Series, Matches, Current Matches, Current & Future Series, Matches By Day, and Teams. Below this, a section titled "Live Cricket Score" is displayed, with tabs for Live, Recent, and Upcoming, and categories for International, League, and Domestic. A prominent box highlights the "PAKISTAN TOUR OF BANGLADESH, 2021". Inside this box, the match details are shown: "Bangladesh vs Pakistan, 2nd Test" scheduled for Dec 04 - Dec 08 at 9:30 AM at Dhaka, Shere Bangla National Stadium. The scorecard shows PAK at 188-2 and BAN at Day 3: Stumps. Below the box are links for Live Score, Scorecard, Full Commentary, and News. An arrow points from the "Scorecard" link to the text "Click scorecard to view".

**PAKISTAN TOUR OF BANGLADESH, 2021**

**Bangladesh vs Pakistan, 2nd Test**  
Dec 04 - Dec 08 • 9:30 AM at Dhaka, Shere Bangla National Stadium

PAK 188-2  
BAN  
Day 3: Stumps

Live Score | Scorecard | Full Commentary | News

Click scorecard to view

## Bangladesh vs Pakistan, 2nd Test - Live Cricket Score, Commentary

Series: Pakistan tour of Bangladesh, 2021

Venue: Shere Bangla National Stadium, Dhaka

Date & Time: [\[Link\]](#)

Commentary

**Scorecard**

Highlights

Full Commentary

Live Blog

Match Facts

News

Day 3: Stumps - Pakistan opt to bat

Pakistan 1st Innings						188-2 (63.2 Ov)
Batter		R	B	4s	6s	SR
Abid Ali	b Taijul Islam	39	81	6	0	48.15
Abdullah Shafique	b Taijul Islam	25	50	2	1	50.00
Azhar Ali	batting	52	136	7	0	38.24
Babar Azam (c)	batting	71	113	8	1	62.83
Extras		1	(b 0, lb 1, w 0, nb 0, p 0)			
Total		188 (2 wkts, 63.2 Ov)				
Yet to Bat	Fawad Alam , Mohammad Rizwan (wk) , Faheem Ashraf , Hasan Ali , Sajid Khan , Nauman Ali , Shaheen Afridi					

### Fall of Wickets

59-1 (Abdullah Shafique, 18.3), 70-2 (Abid Ali, 24.6)

Bowler	O	M	R	W	NB	WD	ECO
Ebadot Hossain	12	1	48	0	0	0	4.00
Khaled Ahmed	7.2	1	26	0	0	0	3.50
Shakib Al Hasan	15	6	33	0	0	0	2.20
Taijul Islam	17	5	49	2	0	0	2.90
Mehidy Hasan	12	2	31	0	0	0	2.60

- There is nothing much to do to watch the scorecard or commentary just two to three clicks enough
- The design can be used effectively and comfortably and with a minimum fatigue

## Key Principles and Features of Visual Design:

### 1. Shape:

The logo contains the cricbuzz with a cricket ball embedded into the words of the cricbuzz. The colours used in the logo are green and white which indicates the cricket ground. the characters “CB” are embedded in the logo which also stands for cricbuzz. The logo has a rectangular shape with rounded edges which are often seen as a sign of reliability and robustness, considering they are associated with objects like homes, safes, and boxes where things are kept safe.



### 2. Negative/White Space:

It has sufficient negative space as the empty area around the positive shape is clearly visible on the homepage.

### 3. Value:

It gives a sense of clarity - the light and dark values of the text. It also provides a sense of subtlety to the text which is not more useful for the user such as the date and time of last modified are coloured dull i.e. some variant of grey colour while the main text is written in black colour.

## Gestalts Laws :

Cricbuzz follows the gestalts laws with even spacing between the videos and text, all the text related to similar fields are grouped together with the same size.

## WEB USABILITY :

### 1. Accessibility :

- a. Site load time is reasonable
- b. Adequate text to background contrast
- c. Font size/spacing is easy to read
- d. Images have proper appropriate ALT tags
- e. The Site has a custom not-found/404 page

### 2. Identity :

- a. The Home page is digestible in 5 Seconds
- b. The Website logo is prominently displayed
- c. A clear path to contact information

### 3. Navigation :

- a. The number of buttons/Links is reasonable
- b. Cricbuzz logo redirects us to the home page

### 4. Content :

- a. Major Heading are clear and descriptive
- b. Styles and colours are consistent across the website
- c. The Main copy is concise and explanatory

## Wireframe :

CricBuzz App Redesign

- Home layout feels old
- Navigation Problem
- Everything at fingertips
- Samsung One UI
- Side menu -
- Onboarding Experience

Home -

Menu Ideas

New Feature Ideas

- Personalisation
- Onboarding Experience
- Search can be added.
- Player profile

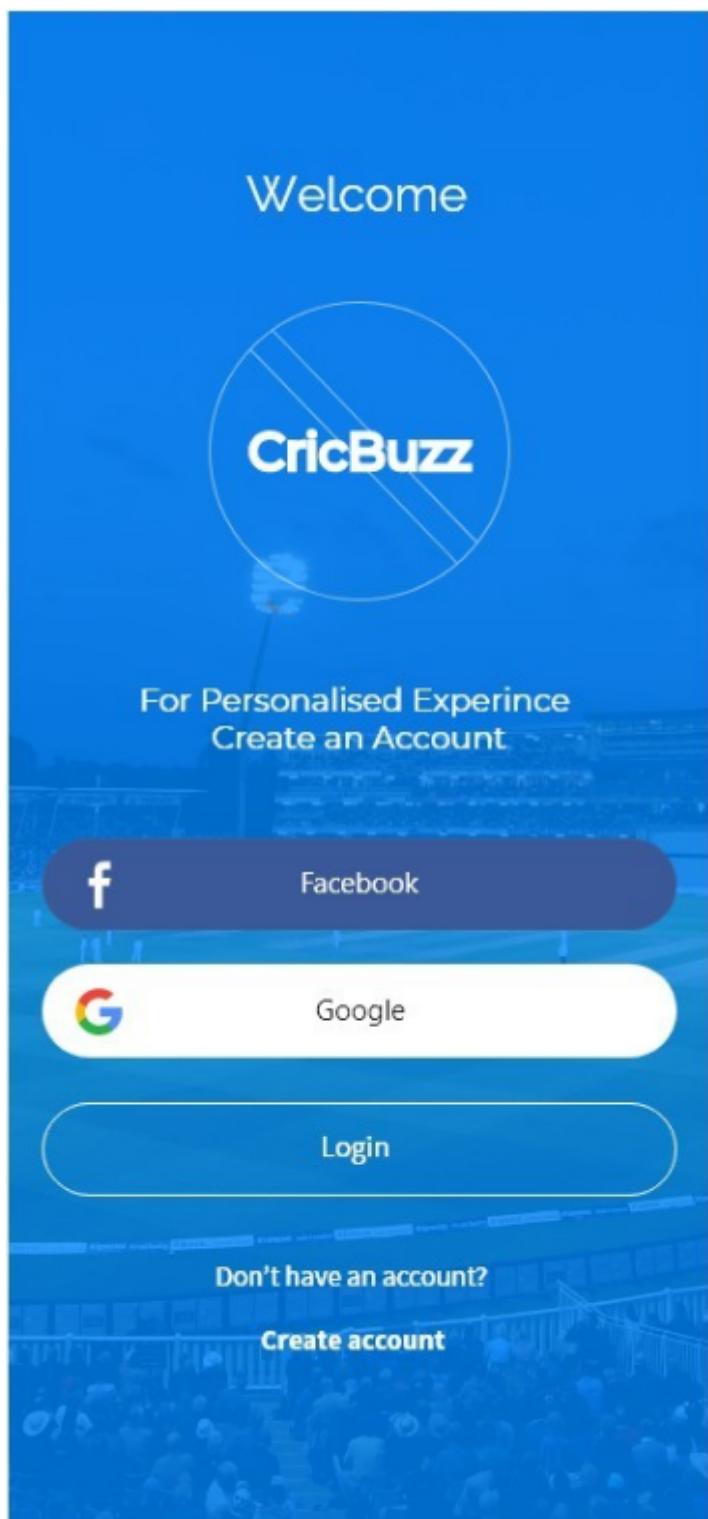
Onboarding

Splash screen :



—

Login :



Onboarding screen:



## Home Screen :

The image shows the CricBuzz mobile application's home screen. At the top, there is a blue header bar with the "CricBuzz" logo on the left and a user profile icon with three horizontal lines on the right. Below the header, the word "Live" is displayed in blue with a small circular icon next to it.

The main content area features a "India vs Australia" match summary for the 2nd T20I of the 2019 tour of India. The Indian team logo is shown with a score of 110 runs, 4 wickets, and 11.3 overs. The top players listed are Rohit Sharma (37\* from 16) and Shikhar Dhawan (30\* from 23). The Australian team logo is shown with a score of 150-8(20). The top player listed is Aaron Finch (37\* from 16), with David Warner also mentioned. A "Top score" badge is visible next to Finch's name.

Below the match summary, there is a section titled "Upcoming Matches" with a notification for a game "Tomorrow, 2pm, T20". It lists "India" and "Bangladesh" as opponents, each with their respective team logos.

At the bottom of the screen, there is a navigation bar with five icons: "HOME" (selected), "VIDEOS", "SEARCH", "STORIES", and "MORE".

**CricBuzz**



Info • Live Scorecard Overs Highlight

India vs Australia



India



Australia

Run 110 W 4 O 11.3



Rohit Sharma  
37\* (16)



Shikhar Dhawan  
30\* (23)



Commentary

Audio



11.3 Shami to Hemraj, o run, slower delivery at the stumps, Hemraj was early in the shot

11.2 Shami to Hemraj, o run, slower delivery at the stumps, Hemraj was early in the shot

11.1 **Shami to C Hemraj, out bowled!!**  
 9(15) [4s-2]

10.6 Shami to Hemraj, o run, slower delivery at the stumps, Hemraj was early in the

India need 40 run in 50 balls to win



HOME



VIDEOS



SEARCH



STORIES



MORE

## Scorecard:

**CricBuzz**  

Info • Live **Scorecard** Overs Highlight

India vs Australia

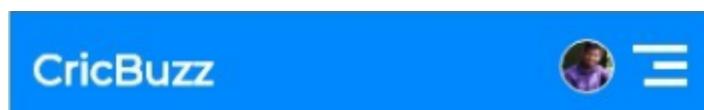
	India	Australia
BATTING		
 <b>Shikhar Dhawan</b> c Temba Bavumbac Bb Tabralz Shamsi	36 25 4 2 144.00	
 <b>Rohit Sharma</b> c Temba Bavumbac Bb Tabralz Shamsi	36 25 4 2 144.00	
 <b>Virat Kohli</b> c Temba Bavumbac Bb Tabralz Shamsi	36 25 4 2 144.00	
 <b>Rishabh Pant</b> c Temba Bavumbac Bb Tabralz Shamsi	36 25 4 2 144.00	
 <b>Shreyas Iyer</b> c Temba Bavumbac Bb Tabralz Shamsi	36 25 4 2 144.00	
 <b>Hardik Pandey</b> c Temba Bavumbac Bb Tabralz Shamsi	36 25 4 2 144.00	
 <b>Krunal Pandey</b> c Temba Bavumbac Bb Tabralz Shamsi	36 25 4 2 144.00	
 <b>Ravindra Jadeja</b> c Temba Bavumbac Bb Tabralz Shamsi	36 25 4 2 144.00	

**HOME**  **VIDEOS**  **SEARCH**  **STORIES**  **MORE** 

Videos:

The image shows the CricBuzz mobile application interface. At the top, there is a blue header bar with the 'CricBuzz' logo on the left, a user profile icon in a circle, and a menu icon (three horizontal lines) on the right. Below the header, there is a navigation bar with four tabs: 'Hot' (selected), 'Latest', 'Trending', and 'Featured'.  
  
The main content area displays several video thumbnails. The first video thumbnail shows four Indian cricket players in blue jerseys, one of whom is Shikhar Dhawan (number 42). A play button icon is overlaid on the image. The title of the video is 'India vs Bangladesh Highlight', it was posted 'Today 2 hours ago', and it has '5M View'.  
  
Below this, there are two more video thumbnails. The left one shows a player in a blue Star India jersey holding a bat, with a play button icon. The title is 'India vs Bangladesh Predicted XI, 2nd T20I: India Look to Give Youngsters a Chance', it was posted 'Today 5 hours ago', and it has '2.3M View'. The right one shows a player in a blue jersey with the Indian flag in the background, with a play button icon. The title is "'King' Virat Kohli Cricket world fil and honou", it was posted 'Today 5 hours ago', and it has '2.3M View'.  
  
At the bottom of the screen, there is a navigation bar with five icons: 'HOME' (house icon), 'VIDEOS' (play icon), 'SEARCH' (magnifying glass icon), 'STORIES' (newspaper icon), and 'MORE' (plus icon). The 'VIDEOS' icon is highlighted in blue, indicating it is the active section.

Search :



## Search

Virat Kohli



## Results

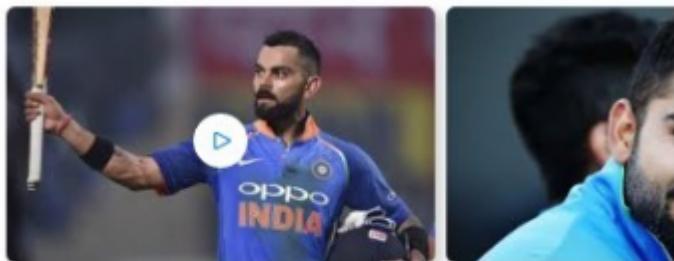
### Profile



Virat Kohli



### Videos



**Virat Kohli: Man of the match  
5 Sixes Highlight**

Today 5 hours ago

**Kohli best inings**

Today 2 hours ago

2.3M View



HOME



VIDEOS



SEARCH



STORIES



MORE

Menu :

