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**GitHub Username:** <https://github.com/polash>

## Cricket Bangla

### Description

Cricket Bangla app is Cricket LiveScore showing app. My app shows live cricket match that are running currently.

### Intended User

This app is for all Bengali Cricket lovers and Fans.

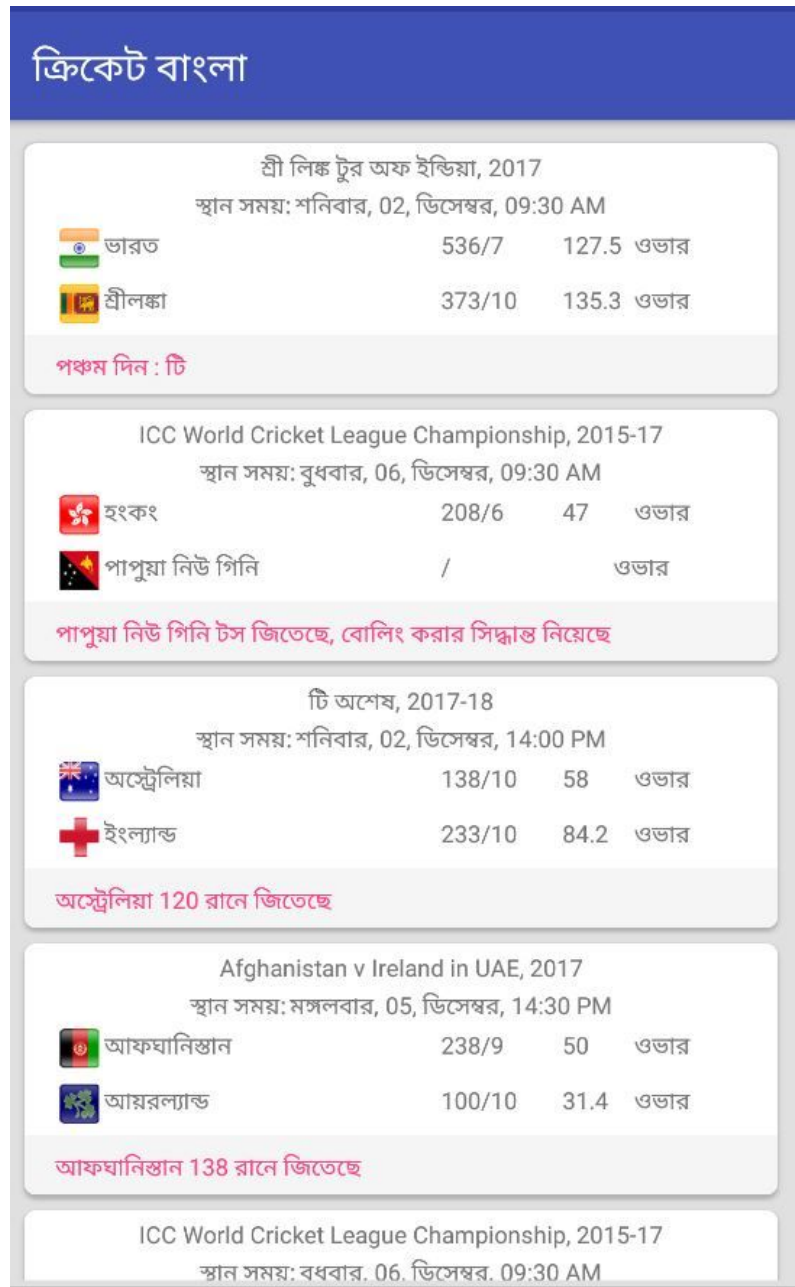
### Features

List the main features of your app. For example:

- Shows Live Cricket Match Data in Bangla Language
- Shows Cricket Score with over and wickets.
- Detail view shows match details in Bangla with Match Venue details
- Shows Team 1 and Team 2 Player list

## User Interface Mocks

### Screen 1



In main screen shows list of live matches

## Screen 2

← ক্রিকেট বাংলা

শ্রী লিঙ্ক টুর অফ ইন্ডিয়া, 2017

3rd টেস্ট



ভারত

536/7

127.5 ওভার

বনাম

টেস্ট ম্যাচ



শ্রীলঙ্কা

373/10

135.3 ওভার

পঞ্চম দিন : টি

টস: ভারত টস জিতেছে, ব্যাটিং করার সিদ্ধান্ত নিয়েছে

ম্যাচের বিসয়

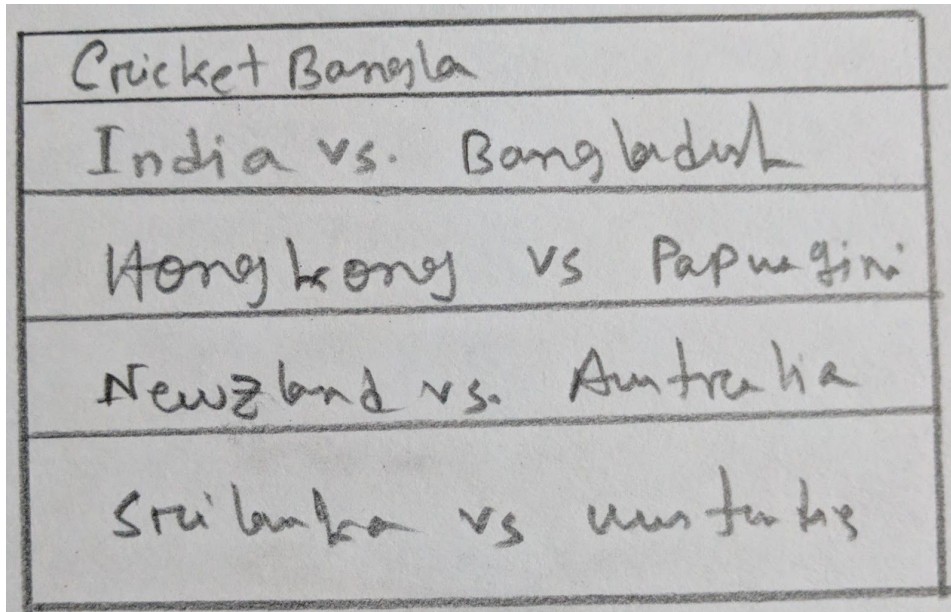
|                  |                                    |
|------------------|------------------------------------|
| সিরিজের নাম      | : শ্রী লিঙ্ক টুর অফ ইন্ডিয়া, 2017 |
| স্থান            | : ফিরোজ শাহ কোটলা, দিল্লি          |
| তারিখ            | : বুধবার, 06, ডিসেম্বর, 09:30 AM   |
| আম্পায়ার        | : নিগেল জাহাজ, জোয়েল এস উয়িলসন   |
| তৃতীয় আম্পায়ার | : অনিল চৌধুরী                      |
| রেফারি           | : ডেভিড বুন্                       |

| দল  |
|---|
| <p><b>ভারত</b></p> <p>মুরলী বিজয়, শিখর ধাওয়ান, চেতেশ্বর পূজারা, বিরাট কোহলি, আজিঙ্ক্যা রাহাণে, রোহিত শর্মা, রবিচন্দ্রন অশ্বিন, ঋদ্ধিমান সাহা, রবিন্দ্র জডেজা, মোহাম্মদ শামী, ঈশান্ত শর্মা,</p>                            |
| <p><b>শ্রীলঙ্কা</b></p> <p>সদীরা সামারাউয়িকরামা, দিমুত করুনারত্নে, ধানান্জায়া দে সিলভা, আঙ্গেলো মাথিউজ, দিনেশ চন্দ্রীমল, নিরোসান ডিকওয়েলা, রসেন সিলভা, দিলরুওয়ান পেরেরা, সুরাঙ্গা লকমল, লক্ষণ সান্দাকন, লহিরু গমগে,</p> |

User click on particular live match and this details screen will open to show the venue details and the match details.

## Screen 3

### App Widget



|                               |
|-------------------------------|
| Cricket Bangladesh            |
| India vs. Bangladesh          |
| Hong Kong vs Papua New Guinea |
| New Zealand vs. Australia     |
| Sri Lanka vs. Netherlands     |

## Key Considerations

How will your app handle data persistence?

After downloading the data from the API I would like to use with Firebase real time database and image with picasso.

Describe any edge or corner cases in the UX.

In the first version of the app UI will be simple between 2 screen one showing list of live matches and another the detail of the match clicking on the match takes you to the detail view.

Describe any libraries you'll be using and share your reasoning for including them.

I would like to use retrofit2 for Json parsing, picasso for image loading, butterknife for binding the views

**Describe how you will implement Google Play Services or other external services.**

Admob for displaying AdView, Firebase real time database for db..

## Next Steps: Required Tasks

### Task 1: Project Setup.

- Add RecyclerView Library
- Add Butterknife library
- Add CardView Library.

### Task 2: Implement UI for Each Activity and Fragment

- Adding basic Fragment activity
- MainActivity Fragment contains RecyclerView Layout
- Fragment is showing into a Frame layout in mainactivity layout
- Detail Activity will also be a Coordinator layout
- In Card View there will be Flag image of the country that are playing
- Detail view also have the Flag image of the country
- Below the score detail there will be venue detail
- Detail layout also shows the match player list in a text view

### Task 3: Implementing Retrofit2 Networking

I want to implement retrofit2 networking with Gson converter to get the Json data into pojo in background thread. The it will be in ArrayList and also the dictionary pojo.

### Task 4: Implement RecyclerView

I want to implement a recyclerView that contains the match score, match over, match wkt and Country flag in a card view.

### Task 5: Send Intent to open Detail Activity when Item is clicked

When user will click the item it will open the detail activity with passing data through Intent

### **Task 6: Implement Firebase Real-Time Database**

I want to implement firebase real time database after retrofit fetch the data from the API push it to firebase database and get all the match list and dictionary list from firebase real time database.

### **Task 7: Implement AdMob**

Want to implement AdMob in both main activity fragment and detail activity fragment by importing the library.

### **Task 8: Implement retrofit enqueue to run on background thread**

- If user in resume lifecycle then each time it will run every 60 sec
- With retrofit enqueue as AsyncTask method

### **TASK 9: App Widget**

I want to implement a widget that will shows the match list that are live now.

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