

Basketball Zone

An Android App for Basketball Fans

By Lung Tin Leung

Advised by Prof. Luo Qiong

Introduction

Motivation:

Nowadays, NBA is becoming more popular in Hong Kong, as well as Smartphone market has a rapid growth in recent years and leads to a fast growth in mobile apps markets too. Although there are several apps in the market provide information of NBA to the users, there is no apps in the market provides both information about Hong Kong's basketball community.

Objective:

The goal of this project is basically to develop an Android app for basketball fans in Hong Kong. It provides information and/or links to information that is typically of internet to basketball fans in Hong Kong – statistics and game, schedules of NBA teams as well as local teams. The app also provides a platform for local basketball fans to discuss games and to share their opinions. The app includes the following components:

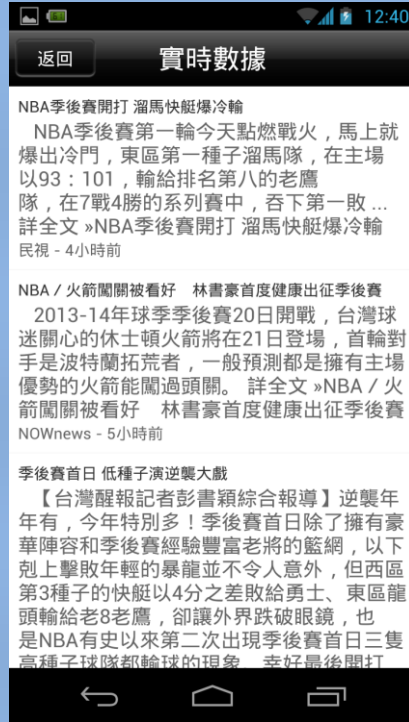
✦ A system that automatically and regularly collects and correlates data from

<https://tw.sports.yahoo.com/nba/> and from websites involving local basketball information, like www.basketball.org.hk for local basketball fans.

✦ An online chat room or forum for local basketball fans to exchange their ideas and opinions and ask questions.

✦ A user-friendly graphical user interface (GUI) to display NBA statistics and local basketball information according to user preferences or a timeline.

Feature



Menu:

Users can choose which information they want to browse by clicking into it.

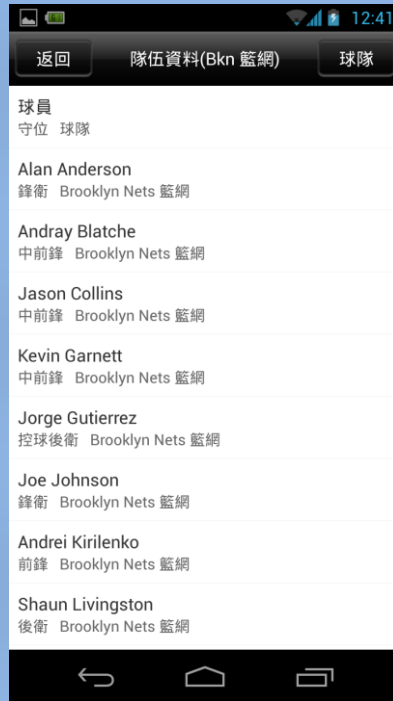
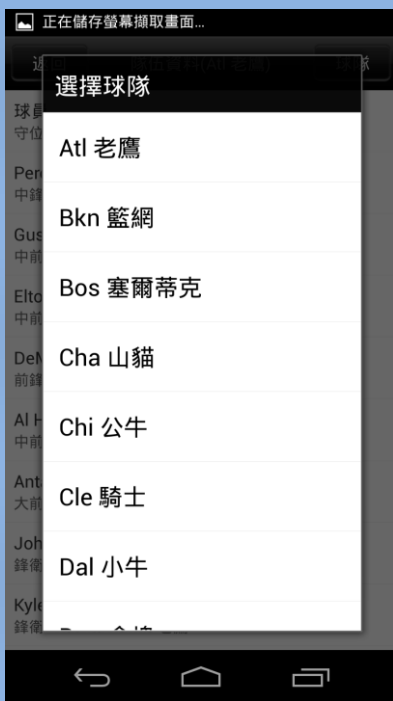
Real Time Statistics:

Users can browse the real time NBA news and match report from this page. This page refreshes each time users enter this page



Team Information:

Users can browse the information of NBA teams. Including average points scored, average points conceded, team rankings, current coach, etc.



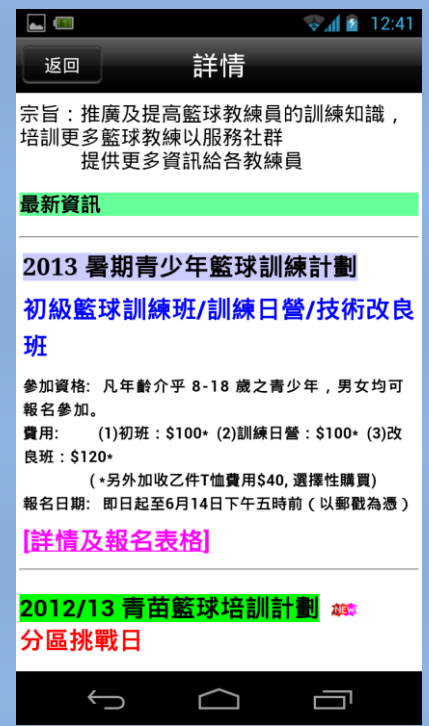
Player Information:

Users can choose to browse any players in any teams, users need to first choose the team, and then users can choose the player in the team list of the team. Then players' information are displayed as above.



Information of Hong Kong Basketball:

These two pages display the information of Hong Kong Basketball. Screenshot on left shows the team rankings of HKBA. Screenshot on right shows the news from HKBA.



Conclusion:

The major achievement is we accomplished to fulfill our project object.

1. Provides NBA information including team information and player information
2. Provides HKBA information including team rankings of HKBA competition and news from HKBA.