

## Preliminary Client Application Interfaces

### MLB Data (Sketch Drawing)

#### Single Game Data Example

Start:

```
Welcome to the MLB Stats Database for the 2015 to 2018 Regular Seasons!
Input "back" to go to previous page or "home" to go back to this page at any point.
Do you want to view:
  1. Game Data
  2. Player Data
```

After inputting <1>:

```
Game Data
Do you want to view:
  1. A Single Game
  2. Combined Team Data
```

After inputting <1>:

```
Game Data: Single Game
Enter the home team, away team, and date of the game you are looking for:
(Format: <home_team> <away_team> <yyyy-mm-dd>)
```

After inputting <Blue Jays Red Sox 2020-08-07>

```
Toronto Blue Jays at Boston Red Sox on 2020-08-07
Final Score: (5) Blue Jays vs. (3) Red Sox
Venue:      Fenway Park
Attendance: 45909
Start Time: 3:08 PM
Delay:      0 mins
Game Length: 153 mins
Weather:    54 degrees, cloudy
Wind:       16 mph, In from CF
Final Hits: (8) Blue Jays vs. (6) Red Sox

Do you want to view Batter and Pitcher Stats for:
  1. (Home) Red Sox
  2. (Away) Blue Jays
```

After inputting <2>:

Blue Jays Batting:

Player	At Bats	Runs	Hits	Walks	RBI
Otto López	3	0	1	0	1
Randal Grichuk	1	0	0	0	0
Tyler Chatwood	4	0	0	0	0

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Rafael Dolis	3	3	3	0	2
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Blue Jays Pitching:

Pitcher	Innings	Hits	Walks	Strikeouts
Trent Thornton	3	3	0	3

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A.J. Cole	1	1	0	3
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## Team Game Data Example

Start:

```
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Input "back" to go to previous page or "home" to go back to this page at any point.
Do you want to view:
  1. Game Data
  2. Player Data
```

After inputting <1>:

```
Game Data
Do you want to view:
  1. A Single Game
  2. Combined Team Data
```

After inputting <2>:

```
Game Data: Combined Team Data
Enter the team's name of the team you are looking for:
(Format: <city> <team name>)
```

After inputting <Toronto Blue Jays>:

```
Toronto Blue Jays 2015-2018
Season      Record      Total Runs  Avg Runs/Game  Total Runs Allowed
2015        93-69        718         4.90           784
2016        89-73        750         4.88           748
2017        76-86        698         4.23           802
2018        73-89        709         5.03           796

Total Runs Allowed/Game      Total Attendance
4.78                          3203886
4.52                          3157489
4.25                          2486284
4.48                          2325281
```

## Pitcher Data Example

Start:

```
Welcome to the MLB Stats Database for the 2015 to 2018 Regular Seasons!
Input "back" to go to previous page or "home" to go back to this page at any point.
Do you want to view:
  1. Game Data
  2. Player Data
```

After inputting <2>:

```
Player Data
Do you want to view:
  1. Pitchers Data
  2. Batters Data
```

After inputting <1>:

```
Player Data: Pitchers
Enter the name of the pitcher you are looking for:
(Format: <first name> <last name>)
```

After inputting <Shane Bieber>:

```
Shane Bieber
Right-Handed

Has Played For:
Cleveland Indians

Total Games:      66
Games Started:    64
Record:           34-32
Earned Run Average: 3.32

Pitches Breakdown
Pitch Type      Total Thrown AvgStartSpeed (MPH) AvgEndSpeed (MPH) AvgSpinRate (RPM)
Changeup        87          92.9             81.2             2421.052
Curveball       78          93.8             86.5             2432.232
Cutter          51          94.6             83.3             2637.462
Four-seam Fastball 150         95.5             83.8             2432.051
Splitter        32          96.3             85.3             2634.329
Two-seam Fastball 144         94.4             82.3             2262.693
Intentional ball 10          93.6             85.5             2765.681
Knuckle curve   0           N/A              N/A              N/A
Knuckleball     0           N/A              N/A              N/A
Sinker          1           92.9             86.1             2305.052
Slider          20          91.9             84.1             2305.052
Screwball       0           N/A              N/A              N/A
Pitchout        0           N/A              N/A              N/A
Eephus          0           N/A              N/A              N/A
Unknown         0           N/A              N/A              N/A
```

## Batter Data Example

Start:

```
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Do you want to view:
  1. Game Data
  2. Player Data
```

After inputting <2>:

```
Player Data
Do you want to view:
  1. Pitchers Data
  2. Batters Data
```

After inputting <2>:

```
Player Data: Batters
Enter the name of the batter you are looking for:
(Format: <first name> <last name>)
```

After inputting <Kevin Pillar>:

```
Kevin Pillar
Right-Handed

Has Played For:
Toronto Blue Jays
Boston Red Sox
Colorado Rockies
San Francisco Giants

Total Games: 324
At Bats:      3270
Runs:         419
Hits:         858
Home Runs:    82
Batting Avg:  .262
```