

# User Manual

rev. 01

## 1 Introduction

WinRate is an expansive win/loss tracker for Magic the Gathering, storing and compiling your long term game performance all from the comfort and convenience of your pocket! Coming with a built-in life counter, you can record each and every one of your losses the moment they happen, all with just a few taps of the screen! In addition, WinRate supports the ability to record the name and deck of your opponent, calculating for you not only your global success rate, but also how well you fare against each of your friends.

## 2 Layout

The layout of the app is divided among 5 different tabs accessible via the navigation menu at the top left corner. The tabs include “Input Form”, “Statistics”, “Contact Book”, “Life Counter”, and “Settings.” The user can also view the Game Log Table from the “Input Form” tab, a list of all matches recorded in the database.

### a) Home Screen

This is the screen the user sees when they first launch the app.

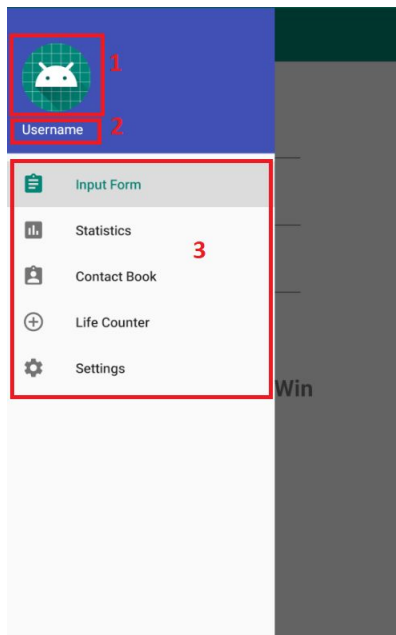
(1) Navigation Menu - Opens up the navigation menu to switch between tabs

(2) Title - Name of the current tab

(3) Fragment - Content of the current tab

## b) Navigation Menu

The navigation menu allows the user to switch between the various tabs.



- (1) Profile Picture - The user can set their profile picture *Currently Unavailable*
- (2) Username - The user can set their username *Currently Unavailable*
- (3) Menu - Clicking on one of these will navigate to the corresponding tab

## c) Input Form

A screenshot of the 'Input Form' screen. The screen has a teal header with a menu icon and the text 'Input Form'. The main content area is light grey. It contains three input fields: 'Your Deck', 'Opponent's Name', and 'Opponent's Deck', all grouped by a red box with a red number 1. Below these is a toggle switch labeled 'Lose' and 'Win', with a red number 2. At the bottom, there is a 'SUBMIT' button (3) and a 'VIEW TABLE' button (4). Both buttons are highlighted with red boxes and red numbers.

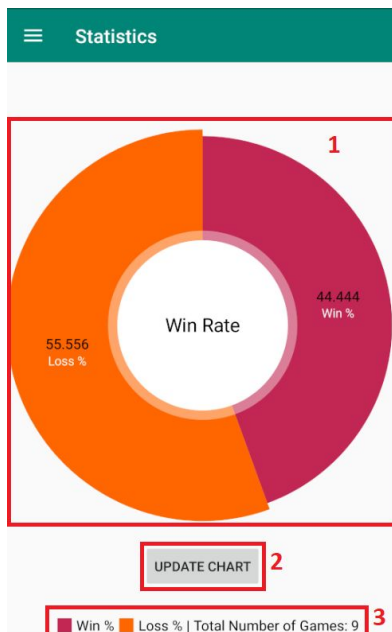
- (1) Match Information - Editable text fields to fill out what deck you used, who you played against, and what deck they used
- (2) Win/Lose - A toggle switch that determines if you won the match or not
- (3) Submit Button - On click, submits the data filled out in (1) and (2) to the database
- (4) View Table Button - Allows the user to view the Game Log Table which contains all match entries

#### d) Game Log Table

Game Log Table		
Thor	12 01 2019 10:20:23	false
The Hulk	12 01 2019 10:20:22	true
Captain America	12 01 2019 10:20:21	false
Iron Man	12 01 2019 10:20:20	false
Julius Fan	12 01 2019 10:20:19	false
Chuanshi Zhu	12 01 2019 10:20:18	true
Yuhao Deng	12 01 2019 10:20:17	false
Arin Redd	12 01 2019 10:20:16	true

- (1) Name - Name of the opponent entry
- (2) Win/Lose - Displays “true” if the user won the match and “false” if the user lost
- (3) Date - The date and time the match was submitted to the database

### e) Statistics



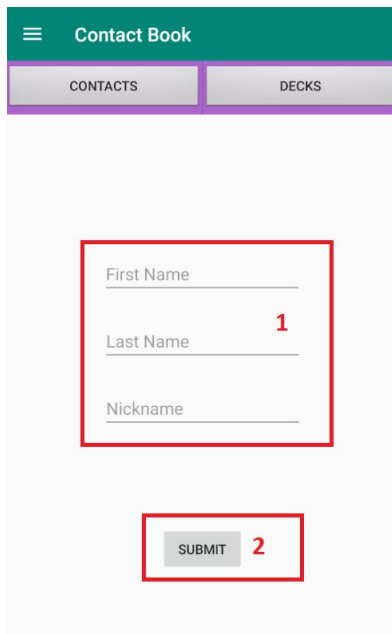
- (1) Pie Chart - Chart that displays overall win/loss ratio of matches in the database
- (2) Update Chart Button - Displays the chart and updates it when matches are added
- (3) Key - Shows the key for the chart and displays the total number of games

### f) Contact Book



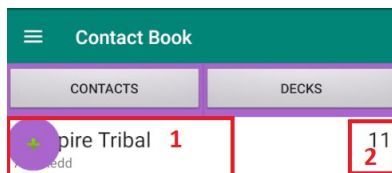
- (1) Contacts/Decks - Buttons that toggle between the contact list and deck list
- (2) Add New Contact - Floating button that brings up the input form for contacts
- (3) Name - Name of the person in the user's contact book

### g) Add New Contact



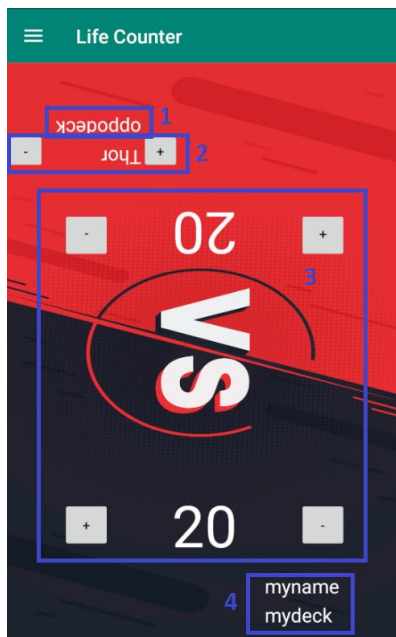
- (1) Contact Information - Editable text fields to fill out contact's name  
(2) Submit Button - On click, sends the data from (1) to the database

### h) Deck List



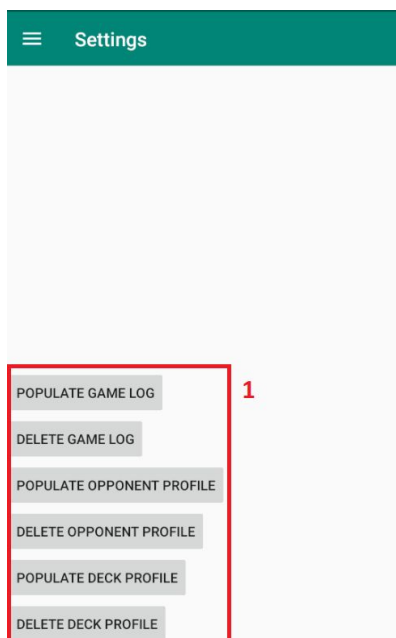
- (1) Deck Name - Name of the deck  
(2) Deck Quantity - Number of times this deck appears in the deck list

## i) Life Counter



- (1) Opponent's Deck - Name of opponent's deck ***Currently Unavailable***
- (2) Opponent's Name - Name of the opponent; The user can cycle through the contact list using the +/- buttons
- (3) Life Totals - Life totals for the user and opponent during a match; The user can toggle these values with the +/- buttons
- (4) Username and Deck - Displays the username and deck name ***Currently Unavailable***

## j) Settings



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(1) Database Manipulation Buttons - Debug buttons for populating and deleting the game log, opponent profile (contacts), and deck profile tables