# 1. Introduction

## 1.1 Purpose

This user documentation was created by:

* Ashish Ghaskata
* Krishna Raj Bhandari
* Suraj Bhatta
* Mohammad Adnan Khan

The purpose is to provide instructions for installation, usage, and support for the **FunFlip Educational Game**, a card-matching memory game for children aged 4–6 years.

**Intended readers**: Parents, teachers, caregivers, and end users  
**Bound scope**: This guide applies to Windows Laptop or PC for users engaging with the game.

## 1.2 Summary

This document includes:

* Game overview and features
* Installation instructions
* How to play (controls and flow)
* Educational goals and parental guidance
* System requirements and troubleshooting support

**Stakeholders**: Parents, teachers, educational practitioners, child users

## 1.3 Definitions and Abbreviations

|  |  |
| --- | --- |
| **Term** | **Definition** |
| HMI | Human-Machine Interface |
| UI | User Interface |
| App | Mobile Application |
| Grid | Layout of game cards (e.g., 3×4) |

## 1.4 References, Standards, and Rules

* Early Childhood Educational Design Principles
* Google Play and App Store submission guidelines
* FunFlip internal usability testing results
* Child data protection standards (no collection, no ads)

## 1.5 Overview

The document is structured as follows:

* Welcome and overview of educational goals
* Quick start guide to begin playing in 3 steps
* Detailed explanation of screens, buttons, and game flow
* System requirements and installation
* Safety and privacy guidance
* Appendix with troubleshooting support

# 2. System Requirements and Installation

## 2.1 System Requirements

|  |  |
| --- | --- |
| **Item** | **Requirement** |
| Platform | Windows |
| Device | Desktop |
| Storage | ≥ 100 MB |
| Internet | Required only for download |
| Offline Play | Fully supported post-installation |

## 2.2 Installation

* Download from Microsoft Store
* Follow device prompts to install
* Launch by tapping the FunFlip icon

# 3. Getting Started: Instructions, Controls & Tips

## 3.1 Quick-Start Guide

**Three clicks to play**:

1. Tap the **FunFlip** icon
2. Tap **Play Game**
3. Choose a category and level — start matching!

A child can start playing within 5 seconds.

## 3.2 Game Controls

|  |  |
| --- | --- |
| **Control** | **Action** |
| Tap Card | Flip and reveal image/sound |
| Mute/Unmute | Toggle sound |
| Back Button | Return to previous screen |
| Replay Button | Restart completed level |
| Home Button | Return to start screen |

## 3.3 Screens & Buttons

|  |  |  |
| --- | --- | --- |
| **Screen** | **Buttons** | **Description** |
| **Start Screen** | Play • Options • Quit | Enter or exit the game |
| **Category Select** | Animals • Fruits • Vegetables • ← | Choose learning theme |
| **Level Select** | Easy (3×4) • Medium (3x6) • Hard (4x6) | Choose difficulty level |
| **Game Board** | Card Grid • Turn Counter • Back Button | Play, track turns, Back Button |
| **Completion Screen** | Trophy • Score • Replay • Menu | Celebrate and proceed |

## 3.4 Playing a Level

* Tap any face-down card → visual/audio feedback
* Tap a second card to attempt match
* If matched → stay face up
* If not matched → flip back after a delay
* Game ends when all pairs are found
* Completion screen appears with trophy, score, and next steps

### 3.4.1 Tips for Grown-Ups

* Encourage children to say words aloud
* Praise effort, not speed
* Limit sessions to 10–15 minutes to sustain focus

## 3.5 Options & Sound

* Use 🔇/🔊 to mute or unmute
* The game is offline-safe
* No ads, no personal data collected
* Only local high scores saved

# 4. Safety & Privacy

* No advertisements
* No in-app purchases
* No user data collected
* All content is child-safe, violence-free
* Tested on Windows Laptop or PC

# 5. Appendix A – Troubleshooting

|  |  |
| --- | --- |
| **Issue** | **Solution** |
| No sound | Check volume switch; ensure 🔊 not muted |
| Game runs slowly | Close background apps; charge above 15% |
| Can't exit a level | Tap Back or restart FunFlip |
| Child picks Hard level | Tap Back twice to return to easier levels |

**Need help?**  
Email: support@funflips-game.com  
Visit: [www.funflips-game.com/help](http://www.funflips-game.com/help)

# 6. Index

Table of Contents

[1. Introduction 1](#_Toc201802430)

[1.1 Purpose 1](#_Toc201802431)

[1.2 Summary 1](#_Toc201802432)

[1.3 Definitions and Abbreviations 1](#_Toc201802433)

[1.4 References, Standards, and Rules 2](#_Toc201802434)

[1.5 Overview 2](#_Toc201802435)

[2. System Requirements and Installation 2](#_Toc201802436)

[2.1 System Requirements 2](#_Toc201802437)

[2.2 Installation 2](#_Toc201802438)

[3. Getting Started: Instructions, Controls & Tips 2](#_Toc201802439)

[3.1 Quick-Start Guide 2](#_Toc201802440)

[3.2 Game Controls 3](#_Toc201802441)

[3.3 Screens & Buttons 3](#_Toc201802442)

[3.4 Playing a Level 3](#_Toc201802443)

[3.4.1 Tips for Grown-Ups 3](#_Toc201802444)

[3.5 Options & Sound 4](#_Toc201802445)

[4. Safety & Privacy 4](#_Toc201802446)

[5. Appendix A – Troubleshooting 4](#_Toc201802447)

[6. Index 5](#_Toc201802448)