

Software Requirements Specification

for

Software Engineering Project (SafeKids Chrome Extension)

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1. Introduction

1.1 Purpose

Safe Kids is a chrome extension with the aim to keep kids safe from internet harms by automatically blocking harmful, abusive and violent webpages. Additionally it blocks web searches containing words that might bring up violent webpages, images etc. This will help parents or guardians to protect their underaged kids from viewing unhealthy internet contents, which kids stumble upon quite often.

1.2 Intended Audience

Anyone who uses browser.

2. Overall Description

2.1 Product Functions

1. Prevent entering harmful websites
2. Prevent searching with “bad” words
3. Password protected to prevent uninstall
4. Manual addition of websites
5. Manual un-blocking of sites that seemed potentially harmful but are really not.
6. Replace/remove bad words from approved sites

2.2 Operating Environment and Requirements

- Language: HTML, CSS, JavaScript
- Platform: Chrome Browser

2.3 User Interface

The extension will be used from chrome as an extension.