

SecondGlance requirements

<p>Functional:</p> <ul style="list-style-type: none"> • AI Text Detection • Advertisement Detection • AI feature Detection • Text Highlighting • Advertisement Removal • AI Feature Removal 	<p>Non-Functional:</p> <ul style="list-style-type: none"> • Minimal Impact on Browser Performance • Compatibility with many Browsers • Easy to Install and Configure • User Privacy • AI text detection model must be at least 95% accurate
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Requirement ID	0
Title	Artificial Text Detection
Goal	To detect machine-generated text
Description	Text will be fed through a machine learning algorithm to determine if it was generated by a machine. This will be done one comma or period-separated phrase at a time.
Origin	Project Definition
Version	1
Date	2025-10-02
Priority	0
Functional	TRUE

Requirement ID	1
Title	Advertisement Detection
Goal	To identify advertisements
Description	HTML elements will be scanned to determine if they are communicating with URLs known to serve advertisements
Origin	Project Definition
Version	1
Date	2025-10-02
Priority	0
Functional	TRUE

Requirement ID	2
Title	AI Feature Detection
Goal	To identify AI features
Description	HTML elements will be scanned to determine if they are communicating with URLs known to serve chat-bots
Origin	Project Definition
Version	1
Date	2025-10-02
Priority	0
Functional	TRUE

Requirement ID	3
Title	Text Highlighting
Goal	To highlight AI generated text
Description	Text identified as AI generated will be highlighted
Origin	Team Meeting
Version	1
Date	2025-10-02
Priority	1
Functional	TRUE

Requirement ID	4
Title	Advertisement Removal
Goal	To remove advertisements
Description	HTML elements identified as advertisements will be removed from the page.
Origin	Team Meeting
Version	1
Date	2025-10-02
Priority	1
Functional	TRUE

Requirement ID	5
Title	AI Feature Removal
Goal	To remove unwanted AI features.
Description	Optionally, HTML elements identified as AI features may be removed from the page.
Origin	Team Meeting
Version	1
Date	2025-10-02
Priority	1

Functional	TRUE
Requirement ID	6
Title	Settings Menu
Goal	To allow the configuration of settings.
Description	A settings menu will be accessible by clicking an icon. This menu will enable users to decide which content to block or identify. The settings must be written to a file.
Origin	Team Meeting
Version	2
Date	2025-12-10
Priority	2
Functional	TRUE

Requirement ID	7
Title	Speed
Goal	To ensure the system does not impede browser performance.
Description	The extension will be optimized to execute quickly as soon as a webpage loads, not extending the load time significantly
Origin	Team Meeting
Version	1
Date	2025-10-02
Priority	2
Functional	FALSE

Requirement ID	8
Title	Portability
Goal	To ensure the system works with multiple browsers.
Description	Users will be able to use the extension on multiple browsers
Origin	Team Meeting
Version	1
Date	2025-10-02
Priority	2
Functional	FALSE

Requirement ID	9
Title	Usability
Goal	To offer ease of use.
Description	The system can be installed with minimal effort and configured using a small menu

Origin	Team Meeting
Version	1
Date	2025-10-02
Priority	2
Functional	FALSE

Requirement ID	10
Title	Privacy
Goal	To ensure no user data is collected and sent to remote locations
Description	Browser extension shall delete any browsing data or other information collected during the execution of its tasks
Origin	Project Definition
Version	1
Date	2025-10-09
Priority	2
Functional	FALSE

Requirement ID	11
Title	AI Text Detection Accuracy
Goal	To specify the accuracy with which AI text is detected by the machine learning model.
Description	The machine learning model must detect AI generated text with a test accuracy of 95%.
Origin	Project feedback
Version	1
Date	2025-11-17
Priority	1
Functional	FALSE

Requirement ID	12
Title	Read Settings
Goal	To be able to read in settings from a file.
Description	To make the user's changes persistent by being able to read settings into memory.
Origin	Project Definition
Version	1
Date	2025-12-10
Priority	2
Functional	TRUE