

Web Browser Feasibility



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Executive Summary

We looked at five Internet browsers to determine which one would be the best for the everyday Internet user. These browsers were Google Chrome, Internet Explorer, Mozilla Firefox, Safari, and Opera. We compared them on the features they had to offer, how secure they were, their speed, how compatible they were and if they were favored by the public. The overall best Internet browser was found to be Google Chrome.

Introduction

We did our feasibility study on web browsers. The ones we studied included Internet Explorer, Google Chrome, Mozilla Firefox, Opera and Safari. The purpose of this report is to help users learn the different features of the web browsers we studied. Users can then decide which web browser is best for them. We studied several features of these web browsers. We then rated them according to their features. We picked the best web browser according to the ratings we gave them.

Methods of Evaluation

To determine the best web browser, we evaluated each according to these criteria:

Features

Security

Speed

Compatibility

Popularity/Ease of Use

We then evaluated these criteria by researching each web browser to figure out if it had certain capabilities.

Features

- Tabbed Browsing
- Add-ons
- Bookmarks
- Password Manager/Auto fill
- Spell Check
- Download Manager

- Languages Available

Security

- Pop-up Blocker
- Anti-Virus
- Private Mode

Speed

- Startup Time
- Navigation Time






Compatibility

- Windows (XP, Vista, 7, & 8)
- Mac OS

Popularity/Ease of Use

Results of Evaluation

Features

					
Tabbed Browsing	Yes	Yes	Yes	Yes	Yes
Add-Ons	Yes	Yes	Yes	Yes	Yes
Bookmarks	Yes	Yes	Yes	Yes	Yes
Auto Fill	Yes	Yes	Yes	Yes	Yes
Spell Check	Yes	Yes	No	Yes	Yes
Download Manager	Yes	Yes	No	Yes	No

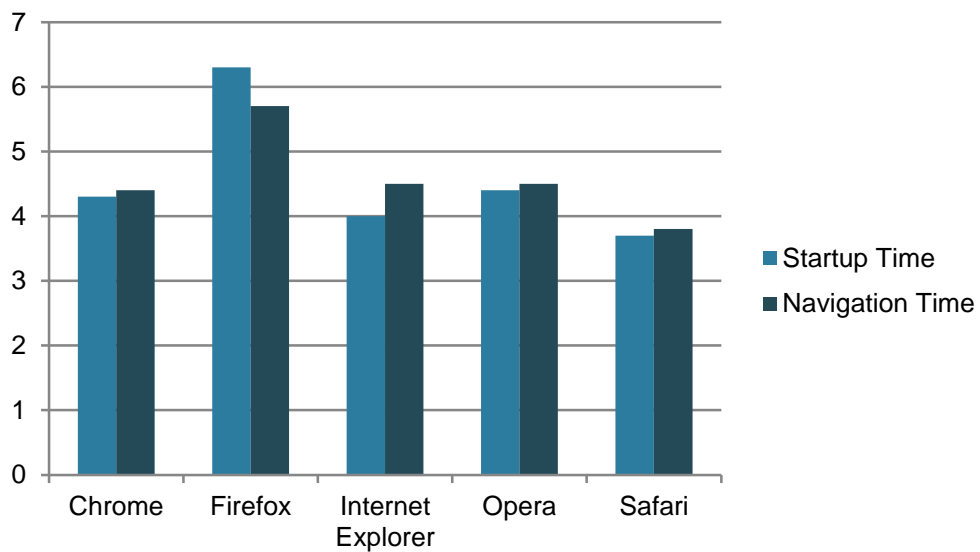
Security



Pop-up Blocker	Yes	Yes	Yes	Yes	Yes
Anti-Virus	Yes	Yes	Yes	Yes	Yes
Private Mode	Yes	Yes	Yes	No	Yes

Speed (in seconds)

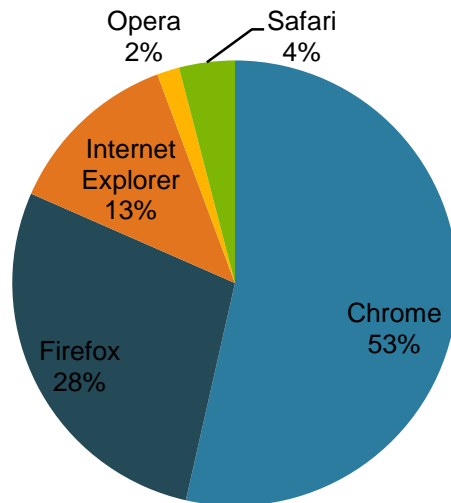
					
Startup Speed	4.3	6.3	4	4.4	3.7
Navigation Speed	4.4	5.7	4.5	4.5	3.8



Compatibility

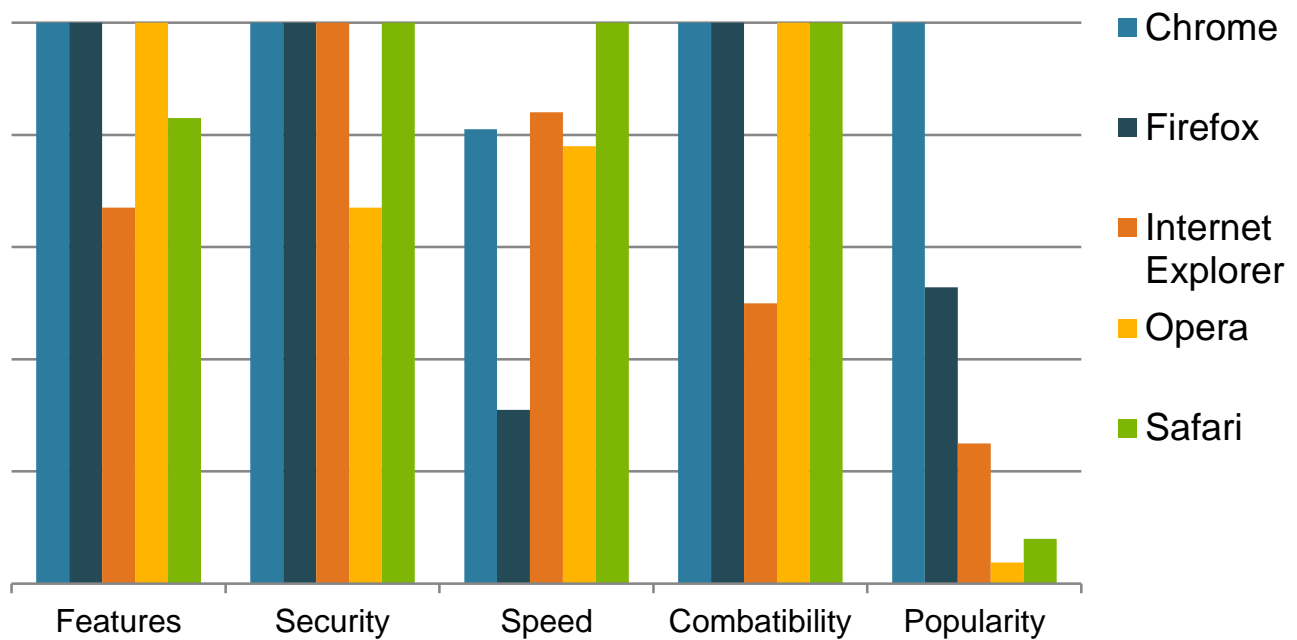
					
Windows OS	Yes	Yes	Yes	Yes	Yes
Mac OS	Yes	Yes	No	Yes	Yes

Popularity



Conclusions

Browser Comparison



Recommendation

Google Chrome was the clear winner. It had high rankings among the rest in security and compatibility and Features. It was also more popular than the other contenders. The only negative Chrome had was that it was the third fastest out of the five browsers Safari came in second place because it too was well rounded with high rankings in security, compatibility and speed. In fact, it was the fastest of the browsers, which was important to us. Firefox came in 3rd, close behind safari. It was very similar with high rankings in Features, Security, and Compatibility, but was slower. Opera and Internet Explorer had high rankings in some things, however, neither were good enough when compared to these other browser