Minors and the Internet

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Outline

- Laws in the USA
- Types of Parental Control Software
- Parental Control Software
- Comparison
- Conclusion
- Questions
Laws in the USA

- Children’s Online Privacy Protection Act of 1998 (COPPA)
- Children’s Internet Privacy Act (CIPA)
COPPA

- Effective on April 21, 2000
  - Regulated by the Federal Trade Commission
- Online collection of personal information
- Updated to reflect the change in technology
- Establishes a standard for all entities and companies
  - Privacy policy
  - Parental consent
  - Retention of personal information
CIPA

- Children’s Internet Protection Act
- Established on December 21, 2000
- Laws place restriction on the funding that is available through E-Rate program

- Schools and Libraries should abide by following things:
  - To restrict or block internet access to minors for some content
  - Safety and security of minors
  - Monitor unauthorized access
Types of Parental Control Software

- Time-Limiting software
- Filtering and Blocking
- Kid-oriented Search Engines
Time-Limiting Software

- Limits time spent on online
- Can be set for specific programs
Filtering and Blocking

- Prevents children from accessing online resources
  - Violence, drugs, alcohol
- Restricts access to computer’s control panel
  - Uninstalling
  - Removing filters
Kid-Oriented Search Engines

- Designed keeping in mind child’s safety
- What they include?
  - Ultra-safe environment and all the safesearch filters that parents and educators need
  - Blocks inappropriate content and images
  - Strict Keyword filtering
  - Filter results and display content that is “kid-friendly”
Parental Control Software

- Qustodio
- Norton Family
- Surfie
- Net Nanny
Qustodio

Pros

● Social media monitoring
  ○ Post appropriate content
  ○ How other people interact with them
● Time-limiting
● Track text messages and calls
  ○ Captures text messages and calling
  ○ Block specific contacts
● Real time internet filtering
  ○ 26 filter categories

Cons

● No live customer support
● No summary reports
Norton Family

Pros

- AV-Test
- Monitoring tools
  - Can block chat and messaging programs
- Time-limiting
- Filtering and blocking
  - 47 filter categories

Cons

- Does not record messages
- Does not collect screenshots
- Not system compatible with Mac OS
Surfie

- Blocks websites, Sets time limits
- Powerful Anti-Cyberbullying technology
- Social media blocking
- Notification alert
- Keyword Monitoring Technology
- Records data in form of Graphs
- Captures chat conversations and instant messages

**Drawbacks**
- Cannot take screenshots of what child sees online
- Incompatible with iOS platforms
Net Nanny

- Cloud based admin console
- Email and text alerts at regular intervals and immediate interventions too
- Activity record
- Content detected from URL to Blacklist/Whitelist websites for children
- Password protected profiles for different age groups
- Profanity Masking
- Keyword Searchable Database
Net Nanny

- Compatible with Windows, iOS and Android platforms
- Net-Nanny Social : Add-on
  - Can screenshot activity
  - Monitors child’s social network profiles
- Cons:
  - Cannot record keystrokes
Common Factors

- Time Management
- Online Search Monitoring
- Gaming Restrictions
- Chat, Audio and Video Activity
- Websites visited
- Online Searches Performed
- Windows 7,8,10
## Comparison

<table>
<thead>
<tr>
<th>Feature</th>
<th>Qustodio</th>
<th>Norton Family</th>
<th>Surfie</th>
<th>Net Nanny</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standout Feature</td>
<td>All devices monitored</td>
<td>A-V test approved</td>
<td>Cyber Bullying Protections</td>
<td>Profanity Masking</td>
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<tr>
<td>Social-Network Blocking</td>
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<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Filter Categories</td>
<td>29</td>
<td>47</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>Email Sent &amp; Received</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
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<tbody>
<tr>
<td>Phone Support</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Mac OS Support</td>
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<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Summary Report</td>
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<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>
Conclusion

- Laws - Protect the integrity and privacy of minors
- Internet - A good place to learn but under parental control
- Parental Control Softwares - Ease the concern to monitor child
Questions?