MODE 4201

Lab 2 – Part 3

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| Tool Name | MIT App Inventor |
| Platform | Develop Apps for Android |
| Application Development Type | Type: Native App, Web App Advantages: Easy to use, good for novices, powerful Disadvantages: Not as scalable as alternatives, not as customizable |
| Website | https://appinventor.mit.edu |
| Developers | Hal Ableson |
| Release Date | Dec 15 2010 |
| License | https://appinventor.mit.edu/about/termsofservice  Creative Commons Attribution ShareAlike 3.0 Unported, Apache 2.0 |
| Price | Free |
| Programming Languages | Java, Kawa, Scheme |
| Features | Develop Mobile apps and teach learning strategies to tackle common development problems |
| Debugger | Yes |
| Built-In-Emulator | Yes |
| Host Machine Requirements in terms of Hardware | Computer:   * Macintosh (with Intel processor): Mac OS X 10.5, 10.6+ * Windows: Windows XP, Windows Vista, Windows 7+ * GNU/Linux: Ubuntu 8+, Debian 5+ (Note: GNU/Linux live development is only supported for WiFi connections between computer and Android device.)   Browser:   * Mozilla Firefox 3.6 or higher (Note: If you are using Firefox with the NoScript extension, you'll need to turn the extension off. See the note on the troubleshooting page.) * Apple Safari 5.0 or higher * Google Chrome 4.0 or higher * App Inventor does not support Microsoft Internet Explorer. Windows users should use Chrome or Firefox   Mobile:   * Android Operating System 2.3 ("Gingerbread") or higher |
| IDE | Yes |
| Software | Web-Browser or Application (Depends on Device) |
| Advantages | See Application Development Type |
| Disadvantages | See Application Development type |
| Language Availability | Many Options |
| Uploading and Selling an App | Depends on where the app goes |
| Third-Party Emulator | You can use android emulators to run the android app on them |
| Market Share | NA |
| Number of Apps | Nearly 22 Million |
| Number of Downloads/Users | 400K active monthly users |

# References

MIT App Inventor. (n.d, n.d n.d). *MIT App Inventor*. Retrieved from MIT App Inventor: https://appinventor.mit.edu

Patton, E. W. (2019, MAy 3). *MIT App Inventor: Objectives, Design, and Development*. Retrieved from Springer Link: https://link.springer.com/chapter/10.1007/978-981-13-6528-7\_3#:~:text=MIT%20App%20Inventor%20is%20an,language%20to%20program%20application%20behavior.

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