Assistive Technologies

SUNY POLYTECHNIC INSTITUTE
Student Accessibility Services

12/03/2015

Table of Contents

Apple (Mac/IOS)

Android

Windows

Apple/IOS

1. Read and Write 11.5(Mac)

Description

Read and Write 11.5 is a discrete, customizable toolbar that integrates reading, writing, studying, and research support tools with common applications.

- Hear web pages and documents read aloud to improve reading comprehension, with choice of natural voices
- Understand unfamiliar words with text and picture dictionaries
- Develop writing skills with word prediction
- Support independent student research with valuable study skills tools
- Narrate the text within any foreground application
- Open eBooks of many formats for automated narration
- Quickly open and edit documents with easy to see shortcuts (Spell check, XXXXX
- Readily accessible translation between languages

Contact the SUNY Polytechnic Institute helpdesk at helpdesk@sunypoly.edu for more information.

2. myHomework (IOS)

Description

myHomework is an app which provides users with a student centric alternative to the stock calendar app. With the option to display notifications for class times alongside assigned homework, it provides a means through which students can become much more organized and time aware.

For more information, please refer to the link below:

https://itunes.apple.com/us/app/myhomework-student-planner/id303490844?mt=8

3. Evernote (IOS)

Description

Evernote provides users with a modern alternative to pen and paper note taking. Aimed at making note taking easier and more intuitive, it's a useful tool for any student taking their studies seriously.

- Several note mediums (Typed text, handwritten, voice, image, etc)
- Notes automatically available on nearly any internet enabled device

- Ability to export/import between several popular office programs (Microsoft Office, Libre Office, Open Office, etc)

    For more information, please refer the link below:

https://itunes.apple.com/us/app/evernote/id281796108?mt=8

4. Khan Academy (IOS)

Khan Academy is an app which allows students access to the massive library of recorded lectures gathered and maintained by the Khan Academy staff. Covering a vast number of subjects, it can help students of any grade and age. The app also has a plethora of features built in to make viewing of the videos themselves even easier:

- Save videos from the online library to our device for offline viewing
- Clear and descriptive subtitles available for each video
- Annotation section alongside videos for use when taking notes

For more information, please refer the link below:

https://itunes.apple.com/us/app/khan-academy/id469863705?mt=8

5. Doceri (IOS)

Description

Doceri is a digital whiteboard designed for use with note taking and lecture presentations.

- Infinite note taking space with both infinite whiteboard sizes and multiple whiteboards to work on.
- Ability to capture audio and edits in an integrated video format
- Import/export/share presentations through a multitude of applications and mediums

For more information, please refer the link below:

https://itunes.apple.com/us/app/doceri-interactive-whiteboard/id412443803?mt=8

6. Myscript Calculator (IOS)

Description

Myscript Calculator is an intuitive replacement for the stock calculator app. Identical in all but its appearance; it contains a useful set of features to compliment its purpose:

- It works in both portrait and landscape mode
- Understand and compute many advanced arithmetic formulas
- Have the ability to recall past commands
- Support gesture programming and recognition

For more information, please refer the link below:

https://itunes.apple.com/us/app/myscript-calculator-handwriting/id578979413?mt=8

7. MyscriptMathpad (IOS)

Description

With the ability to take handwritten mathematical commands as input and express output in a varying number of formats such as an image or as a LaTeX* or MathML* string for integration in our documents, Mathpad has the potential to increase productivity exponentially. It can recognize 200 characters and operators.

For more information, please refer the link below:

https://itunes.apple.com/us/app/myscript-mathpad-handwriting/id674996719?mt=8

8. QuickVoice Recorder (IOS)

Description

QuickVoice Recorder is an alternative to the built in voice recorder app with many added features:

- Memo categories and folders
- Automatic dictation for recordings
- Reminders
- Text annotations

For more information, please refer the link below:

https://itunes.apple.com/us/app/quickvoice-recorder/id284675296?mt=8

9. Voice Dream Reader Lite (IOS)

Description

Voice Dream Reader Lite an app designed to make reading on a tablet easier. With built in text-to-speech and a fully configurable interface, it's designed to adapt to the reading style of the user. It has support to open books from numerous formats, including Epub, DASY, DOCX, and PDF.

For more information, please refer the link below:

https://itunes.apple.com/us/app/voice-dream-reader-lite/id563971853?mt=8

10. Popplet (IOS)

Description

Popplet is an app designed to organize ideas into diagrams. Supporting a large number of designs, it helps us map our thoughts however we see fit. It also has the ability to export our diagrams to formats recognised by leading image and design software (Visio, Publisher, Photoshop, etc), our ideas can even become useful tools in presentations and on documents.

For more information, please refer the below link.

https://itunes.apple.com/us/app/popplet/id374151636?mt=8

11. Duolingo (IOS)

Description

Duolingo is an app designed to make learning a second language easier. With several available learning styles and levels, we can learn the language in our own style and pace. It even allows us to use the progress of our friends as a motivation with a unique leaderboard marking the progress of our facebook friends.

For more information, please refer the below link.https://itunes.apple.com/us/app/duolingo-learn-languages-for/id570060128?

12. Dragon Dictation (IOS)

Description

Dragon Dictation is an app for voice recognition and it is powered by Dragon NaturallySpeaking. Just speak our mind to capture ideas, create content,

cruise through email, search the Web etc. We can speak and send instant text and email messages. It is 5 times faster than typing on the keyboard.   Anything we speak is converted to text.

For more information, please refer the below link.

https://itunes.apple.com/us/app/dragon-dictation/id341446764?mt=8

Android

1. myHomework Student Planner

Description

myHomework provides users with a student centric alternative to the stock calendar app. With the option to display notifications for class times alongside assigned homework, it provides a means through which students can become much more organized and time aware.

For more information, please refer the link below:

https://play.google.com/store/apps/details?id=com.myhomeowork&hl=en

2. Evernote

Description

Evernote provides users with a modern alternative to pen and paper note taking. Aimed at making note taking easier and more intuitive, it's a useful tool for any student taking their studies seriously.

- Several note mediums (Typed text, handwritten, voice, image, etc)

- Notes automatically available on nearly any internet enabled device

- Ability to export/import between several popular office programs (Microsoft Office, Libre Office, Open Office, etc)

For more information, please refer the link below:

https://play.google.com/store/apps/details?id=com.evernote&hl=en

3. Lensoo Create

Description

Lensoo Create is a digital whiteboard designed for use with note taking and lecture recording.

- Infinite note taking space with multiple whiteboards to work on.
- Capture audio and edits in an integrated video format
- Insert pictures from both our local library or from our camera for annotations
- Customizable interface

For more information, please refer the link below:

https://play.google.com/store/apps/details?id=com.lensoo.create&hl=en

4. Myscript Calculator

Description

Myscript Calculator is an intuitive replacement for the stock calculator app. Identical in all but its appearance, it contains a useful set of features to compliment its purpose:

- It works in both portrait and landscape mode
- Understand and compute many advanced arithmetic formulas
- Have the ability to recall past commands
- Support gesture programming and recognition

For more information, please refer the link below:

https://play.google.com/store/apps/details?id=com.visionobjects.calculator&hl=en

5. Mantano Ebook Reader Lite

Description

Mantano EBook Reader is a textbook friendly ebook reader with unique feature set designed with students in mind.

- Highlight passages
- Bookmark pages
- Insert annotations/notes on certain pages (Both handwritten and typed)
- Search for passages matching a desired phrase
- Reorder page numbers

For more information, please refer the link below:

6. Talk – Text to Voice Free

Description

Talk - Text to Voice is a multilingual text dictation app. Designed to make communication easier for students with speaking disabilities, it translates text input into voice output in realtime.

● Ability to translate text from one language into voice of another

● Export text logs to MP3 and WAV formats for recordkeeping and external use

● Import text from TXT and DOCX formats for dictation as an alternative to keyboard based input

For more information, please refer the link below:

https://play.google.com/store/apps/details?id=com.ktix007.talk&hl=en

7. StudyBlue Flashcards & Quizzes

Description

StudyBlue Flashcards & Quizzes is an app designed to make studying easier and more intuitive. It presents users with flashcard sets and quizzes, helping familiarize them with the content no matter their location. With a huge library of content to pull from, as well as the ability to create custom content, the app can be useful in any discipline of study.

For more information, please refer the link below:

https://play.google.com/store/apps/details?id=com.studyblue&hl=en

8. Google Translate

Description

Google Translate is another voice dictation app. Unlike Talk-to-voice though, Google Translate focuses solely on language to language translation. Because of this, it's unique features are specific to enhancing this ability.

● Use microphone and camera as input to translate between languages
● Convert websites and documents between language
● Save language libraries for offline translation

For more information, please refer the link below:
https://play.google.com/store/apps/details?id=com.google.android.apps.translate&hlen

9. MediSafe Meds & Pill Reminder

Description

MedSafe Meds & Pill Reminder is an app meant to extend the features provided by the stock calendar app. Designed for users who regularly take medication, the app provides an interface through which users can set reminders and keep track of medical information without going through the calendar app itself.
This includes prescriber/dosage information, refill/expiry warnings, and reminders to take the medicine in question.

For more information, please refer the link below.
https://play.google.com/store/apps/details?id=com.medisafe.android.client&hl=e

Windows

1. No Squint

Description

NoSquint gives us full control over the zoom level of both text and images within our internet browser.

Availability

As an extension for the Firefox internet browser, the link is available here to download and install:
https://addons.mozilla.org/en-us/firefox/addon/nosquint/

2. ZoomText

Description

The ZoomText Magnifier enlarges and enhances everything on our computer screen, making all of our applications easy to see and use. It additionally has an enlarged character keyboard display, with hot keys for its features on the top of the keyboard.

Availability

To use the ZoomText, please visit the Learning Center in the Cayan Library of SUNY Polytechnic Institute. You may also contact the department at their email: *learning.center@sunyit.edu*
The product website is available here
http://www.aisquared.com/zoomtext/more/zoomtext_magnifier

3. Jaws

Description

Jaws is an assistive technology and learning tool which provides many powerful utilities for students with visual and learning imparities. It is particularly appropriate for students with visual disabilities such as blindness, those who require reading intervention, students struggling with reading comprehension and English Language Learners (ELL). The suite includes utilities for visually impaired internet navigation, eBook narration, document creation, and language translation. Designed around reading, writing, test-taking, and studying, the toolset strives to make the curriculum accessible to all students.

- Quick and easy voice guided installation
- Support for a large variety of eBook formats
- Compatible with many popular browsers
- Built in research database, including word definitions, area codes, stock listings, current events, and more
- Option to output to Braille in addition to speech
- Dual monitor compatibility
- Multilingual support

Availability

Jaws is available with the Learning Center in the Cayan library of SUNY Polytechnic Institute upon request. For more details, you may also contact Suzanne Sprague, Director, Disability Services at her email: ***spragusd@sunyit.edu***

The product website is available here:
http://www.freedomscientific.com/products/fs/jaws-product-page.asp

4. Livescribe Smart Pen

Description

The Livescribe Smart Pen allows us to record everything we write, hear or say. Replay our meetings or lectures simply by tapping on our notes. Transfer our notes and audio to our computer via USB cable and Livescribe Desktop will save everything for fast, easy access to what's important. You can also easily share your notes and audio recordings as a Pencast PDF or audio file. It contains the additional features of:

- Transfers notes and audio to your computer and recharges your smartpen using a USB connection.
- Capture your meetings or lectures with crisp clear sound.
- Built–in speaker produces rich, full sound to play back your recorded audio.
- The ergonomic grip design provides comfort during long meetings and lectures.
- Standard 3.5mm jack fits your own earphones or the Livescribe 3–D Premium Recording Headset to enable binaural recording.
- High–contrast OLED display makes it easy to navigate smartpen apps.
- 2GB model holds 200 hours of audio.
- Simply remove the ink cartridge by pulling it out with your fingertips. Insert a new cartridge until it clicks into place.

To use the smartpen, please visit the Disability Service Department at Kunsela Hall, B105, between Monday and Thursday, 9:00 am to 3:00 pm to have it lent to you. For more details you may also contact the department chair, Suzan Sprague, at her email: spragusd@sunyit.edu

The product website is available here:
http://www.livescribe.com/en-us/smartpen/echo/

5. Dragon NaturallySpeaking

Description

Dragon NaturallySpeaking is a speech recognition software that turns your words into text and actions on screen. Simply speak to change how you work, communicate, create and live. Dragon NaturallySpeaking 12 has been designed to turn your talk into text faster and more accurately than ever before. Just speak your mind to capture ideas, create content, cruise through email, search the Web, or control your PC. It's compatible with Windows 8.1/8, Windows 7, and Mac. It contains the additional features of:

- Automatically learns our preferences when we make a change to how words,phrases or numbers are formatted.
- A new interactive tutorial in Dragon 12 guides us through fun exercises that demonstrate best practices for dictating, editing and formatting so that we can get up and running quickly.
- Dragon 12 takes advantage of wideband Bluetooth to provide higher wireless accuracy and to let us get started quickly.

- Ability to review our words by listening to a new, natural text to speech voice in Dragon 12.
- Makes it easier than ever to use Gmail and Hotmail, two of the most popular Web clients, to cruise through email by voice.
- Easy and intuitive speech recognition correction.
- Ability to use our iOS or Android device as a wireless microphone with the Dragon Remote Microphone App.

Availability

To use the software, please meet Suzanne Sprague, Director, Disability Services office, Suite B101, Kunsela Hall, SUNY Polytechnic Institute from Mon - Fri, 8:30 to 4:30 pm or contact at her email ***spragusd@sunyit.edu***

The product website is available here:

http://www.nuance.com/dragon/whats-new-version-12/index.htm

6. Read and Write 11.5

Description

Read and Write 11.5 is a discrete, customizable toolbar that integrates reading, writing, studying, and research support tools with common applications.

- Narrate the text within any foreground application
- Open eBooks of many formats for automated narration
- Magnify text and images on the fly
- Quickly open and edit documents with easy to see shortcuts (Spell check, XXXXX
- Readily accessible translation between languages

For more information, please refer the link below.

http://www.texthelp.com/north-america/our-products/readwrite/features-pc

We can get a free copy of the software from the SUNY Poly website.
http://sunyit.edu/its/software/students

7. myHomework

Description

myHomework provides users with a student centric alternative to the stock calendar app. With the option to display notifications for class times alongside

assigned homework, it provides a means through which students can become much more organized and time aware.

For more information, please refer the link below:
http://apps.microsoft.com/windows/en-us/app/myhomework/438f2bec-f200-4b9d-96ad-7f9 5fbe93409

8. Evernote Touch

Description

Evernote provides users with a modern alternative to pen and paper note taking. Aimed at making note taking easier and more intuitive, it's a useful tool for any student taking their studies seriously.

- Several note mediums (Typed text, handwritten, voice, image, etc)

- Notes automatically available on nearly any internet enabled device

- Ability to export/import between several popular office programs (Microsoft Office, Libre Office, Open Office, etc)

For more information, please refer the link below:

http://apps.microsoft.com/windows/en-us/app/5aba7f8c-318f-42aa-9590-b1fc31e5cba6

9. iXplain

Description

iXplain is a virtual whiteboard to teach a class or share knowledge with others. It can record our handwriting in sync with our voice to provide a good learning experience. The recording can be shared as mp4 files through email, facebook, or on any other social media platform.

For more information, please refer the link below:

http://apps.microsoft.com/windows/en-us/app/379acbdc-58fc-40d6-b8e4-d768df433aae

10. Calculator2

Description

Calculator2 is a smart calculator for windows devices which has 5 unique calculators. They are Basic, Scientific, Programmer, Currency Converter and Unit Converter. It has 50 scientific functions and supports 125 mathematical and physical constants. It can convert 150 global currencies. It can convert 200 units over 17 categories.

For more information, please refer the link below:
http://apps.microsoft.com/windows/en-us/app/ea13786d-2250-49d0-9116-78b16575b7ec

11. Flashcards Pro

Description

Flashcards Pro is useful to learn any subject or for any competitive exams. We can learn languages, kids can learn alphabets and vocabulary and improve memory. We can use the text to speech feature for learning by listening. We can access flashcards on quizlet.com and cram.com.

For more information, please refer the link below:

http://apps.microsoft.com/windows/en-us/app/278f200f-fe82-4be6-af3c-d2c7d024864a

12. Fresh Paint

Description

Fresh Paint helps us present our ideas on canvas. It is an easy to use app that includes oil, watercolours, pencils, and all the tools we need to paint. We can convert photos to beautiful paintings. We can take a canvas print of our paintings to frame it for ourselves. We can mix paints to get the color we desire to have.

For more information, please refer the link below:

http://apps.microsoft.com/windows/en-us/app/1926e0a0-5e41-48e1-ba68-be35f2266a03

13. Speech to Text

Description

Speech to Text is an app to convert our voice to text. We can also type any sentence through keyboard. We can save the text file by opening and editing it. It supports 6 languages for now.

For more information, please refer the link below:
http://apps.microsoft.com/windows/en-us/app/ed35940c-b883-4423-9941-de0606301a52

14. WordBook

Description

WordBook is an English dictionary and thesaurus app with very well designed, fast and intuitive interface built in specific for windows 8 purpose. It has 150,000 entries with more than 220,000 definitions. It has usage samples, word origins,

pronunciation guides, thesaurus and more.

For more information, please refer the link below:
http://apps.microsoft.com/windows/en-us/app/386b8452-5346-4c72-850b-fcf734dd3166

15. Translator

Description

The Translator App by Microsoft helps us quickly translate a language. We can use our camera, speak a phrase or just type the content we want to translate. If we download Language packs, we can translate on the go even without an internet connection. It supports translation to 45 languages.

For more information, please refer the link below:
http://apps.microsoft.com/windows/en-us/app/1489bb69-3e78-4085-96f5-2a9a6f303559

16. Active Life

Description

Active Life is a health & fitness app and we can use it to consolidate all the health information for our well being. We can manage our diet, exercise and medication needs separately. We can set reminder for medication or exercise.

For more information, please refer the link below:
http://apps.microsoft.com/windows/en-us/app/b8075a11-bfeb-437d-99a4-e9f5fe8dd284