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CS270-Homework 1

My client, the new grandmother, requires a portable computer device that will allow her to skype her family, use social networks, pay bills, online shopping and various other tasks. She would most likely prefer a simple device that is easy to learn to use. She has a $900 budget for buying a computer.

One possible set up that would meet her computational needs is she could purchase an iPad Air 2. This would allow her to skype her family because through the skype app fulfilling that need, though if her family also has apple devices she could opt to facetime them as that would work just as skype well for video chatting. She could easily connect to basically any social network by simply downloading the social networks, most likely free, app from the app store. Fulfilling her bill paying need, most banks have apps that make paying bills easy, or if her bank does not have an app she could just use safari, apple's internet browser, and pay bills from her bank's website. She could find many different apps for online shopping or use safari. An iPad is also very portable since it is a lightweight tablet, and iPads are simple to learn to use though she may want a keyboard to make typing easier.

Type	Model	Manufacturer	Other details	Cost	Product Link
Tablet	iPad Air 2 Wi-Fi 128GB - Space Gray	Apple	0.96 pounds	$499.00	http://www.apple.com/shop/buy-ipad/ipad-air-2/128gb-space-gray-wifi
Processor	A8X chip	Apple	1.5 GHz – 3 cores	-	vendor configuration
RAM	LPDDR3	-	2GB	-	vendor configuration
Storage	-	-	120 GB flash	-	vendor configuration
OS	iOS 10	Apple	-	-	vendor configuration

Display	9.7" Retina display (diagonal)	Apple	2048-by-1536-pixel resolution at 264 ppi	-	vendor configuration
Keyboard	Type+ Bluetooth Keyboard Case for Apple® iPad® Air 2 - Black	Logitech	Bluetooth Keyboard	$99.99	http://www.bestbuy.com/site/logitech-type-bluetooth-keyboard-case-for-apple-ipad-air-2-black/9483426.p?skuId=9483426
Mouse	-	-	-	-	-
Battery Charger	Lightning to USB cable with USB power adapter	Apple	-	-	Included with purchase of iPad
Support	Apple Care +	Apple	2-year hardware repair	$99.00	Selected when buying iPad on apple website
Total				697.99	

Another possible setup she could choose to buy is a Chromebook built by ASUS. Skype offers a web based version of skype which would allow her to communicate with her family. She could use chrome to access the internet for paying her bills, social media, and online shopping. It is a flip 2 in one laptop so it is very portable and easy to use with its touchscreen and ability to change into a tablet. Also, she would probably like a mouse when she is not using it in tablet mode.

Type	Model	Manufacturer	Other details	Cost	Product Link
Flip 2 in 1 laptop	Flip 2-in-1 C100PA-DS03 10.1-inch Touch Chromebook	ASUS	2 lbs	$279.00	https://www.amazon.com/C100PA-DB02-10-1-inch-Chromebook-1-8GHz-Operation/dp/B01N31SJLI/ref=sr_1_7?s=pc&ie=UTF8&qid=1486322292&sr=1-7&keywords=chromebook&th=1#productDetails
Processor	3288-C Quad-Core	Rock chip	1.8GHz - quadcore	-	vendor configuration
RAM	DDR3 SDRAM	JEDEC	4GB	-	vendor configuration

Storage	-	-	32GB Flash Memory Solid State drive	-	vendor configuration
OS	Chrome Operating System	Google	-	-	vendor configuration
Display	10.1-inch WXGA (1280 x 800 pixels) LED-lit Screen IPS panel support Multi-Touch	ASUS	-	-	vendor configuration
Keyboard	Built in	ASUS	-	-	vendor configuration
Mouse	3 button laser mouse	HP		$19.00	http://store.hp.com/us/en/pdp/accessories-88342--1/hp-3-button-usb-laser-mouse-h4b81aa
Battery Charger	1 Lithium ion battery	-	-	-	Included with chrome book purchase but amazon did not say model
Support	-	-	-	-	
Total				$298.00	

Another setup she could do is she could buy a windows laptop made by dell. She could skype her family through the skype app that comes pre-downloaded on windows 10 laptops. Also, she could easily do pay bills, social media, and do online shopping through Microsoft Edge or download some other internet browser like most people do. This setup would be portable as it is a laptop but it is somewhat heavy. In addition to the laptop she would probably like a mouse though the laptop is a touchscreen.

Type	Model	Manufacturer	Other details	Cost	Product Link
Laptop	Dell Inspiron 15 i5568-5240GRY Signature Edition 2 in 1 PC	Dell	4.60lb	$699.00	https://www.microsoftstore.com/store/msusa/en_US/pdp/Dell-Inspiron-15-i5568-5240GRY-Signature-Edition-2-in-1-PC/productID.4182195900

Processor	Intel Core i7-6500U 2.50 GHz with Turbo Boost Technology up to 3.10 GHz	Intel	2.50-3.10	-	vendor configuration
RAM	DDR42133	-	8GB	-	vendor configuration
Storage	-	-	1TB 5400 RPM HDD	-	vendor configuration
OS	Windows 10 Home	Microsoft	-	-	vendor configuration
Display	15.6 in Full HD TrueLife touchscreen (1920 x 1080), 10-finger multi-touch support				vendor configuration
Keyboard	-	-	-	-	Vendor configuration
Mouse	Logitech Optical USB Mouse B100 (910-001439) Black 3 Buttons 1 x Wheel USB Wired Optical 800 dpi Mouse	Logitech		$10	https://www.newegg.com/Product/Product.aspx?Item=N82E16826104370&cm_re=mouse-_-26-104-370-_-Product
Battery Charger	Does not say but included	-	-	-	-
Support	-	-	-	-	-
Total				$700.00	

The pros of the first setup are that it would be very light and portable. According to EveryiPad.com, the pros of the iPad air 2 are that it has a long battery life and it has a great resolution. The cons are that it has a different charger than previous iPads, there is no SD card ports, and the battery cannot be replaces. Also, I think that if she is looking for a laptop she may not want a tablet but if she wants a tablet this could be exactly what she is looking for. The pros, according to Wylie, are that Chromebook a fairly inexpensive, with decent battery life, and fairly quick. The cons however are that it is a little less compatible with Chromebook and I am not sure how well the web based version of skype works. For the last setup, the pros are that it is the fastest of the computers, and it has the most space. I would say the cons are that it is the biggest

and probably the least portable of the devices. I would recommend that my client purchase either the iPad or the dell laptop depending on which operating system she prefers because I know that my grandma would hate to learn a new computer operating system. Also, she should consider if she wants a tablet or a laptop. Ultimately, I cannot make the final decision which laptop she should make the final decision. If I were her I think I would choose the dell but that is just my opinion.

"What Are the "pros and Cons" of the IPad Air and IPad Air 2 Models? Is One the IPad for Me?" *EveryiPad.com*. Kyle Media LLC, 26 Jan. 2017. Web. 6 Feb. 6.

Wylie, Jonathan. "Are Chromebooks Good? Pros and Cons." *TurboFuture*. TurboFuture, 12

Aug. 2016. Web. 06 Feb. 2017.