	Article	Discussion Leader	Paper Number	Student
1. Course overview, topics, and organization; and why hard				
	Brad A. Myers. "Challenges of HCI Design and Implementation," ACM Interactions. vol. 1, no. 1. January, 1994. pp. 73-83. ACM DL (Cited by 108)	**Brad**		
	Scott E. Hudson and Jennifer Mankoff. "Concepts, Values, and Methods for Technical Human-Computer Interaction Research", Ways of Knowing in HCI, Springer New York, pp 69-93. pdf	**Brad**		
2. History of Personal Computers and Mobile Devices and Their User Interfaces				
	Brad A. Myers. "A Brief History of Human Computer Interaction Technology." ACM interactions. Vol. 5, no. 2, March, 1998. pp. 44-54. ACM DL (Cited by 575)	**Brad**		
	Mark Weiser, "Some computer science issues in ubiquitous computing", Communications of the ACM, 36:7, (July 1993), pp.75-84. http://dl.acm.org/citation.cfm?doid=159544.159617 (Cited by 3475)	**Brad**		
3. Origins of the field				
	Douglas C. Engelbart, "Augmenting human intellect: A Conceptual Framework", SRI Summary Report AFOSR-3223, 1962. http://www.dougengelbart.org/pubs/augment-3906.html See also the video demo ("The mother of all demos") (90 minutes): http://vimeo.com/1408300	**Alex Sciuto**	1	
	J.C.R. Licklider, "Man-Computer Symbiosis", IRE Transactions on Human Factors in Electronics, Vol. HFE-1 (March 1960), pp. 4-11. http://memex.org/licklider.pdf,	**Alexandra To**	2	
	Ivan E. Sutherland,"Sketch pad a man-machine graphical communication system". In Proceedings of the SHARE design automation workshop (DAC '64), 1964, pp. 6.329-6.346. http://doi.acm.org/10.1145/800265.810742	**Kristin Williams**	3	
4. Input devices, models, and interaction techniques				
	Brad A. Myers. 1990. A new model for handling input. ACM Trans. Inf. Syst. 8, 3 (July 1990), 289-320. http://doi.acm.org/10.1145/98188.98204. (Cited by 213)		4	
	Brad A. Myers. All the Widgets. 2 hour, 15 min video. Technical Video Program of the SIGCHI'90 conference, Seattle, WA. April 1-4, 1990. SIGGRAPH Video Review, Issue 57. ISBN 0-89791-930-0. vimeo or on-line movie or wmv file (600MB). Formerly available as ACM Order Number 608903 from ACM Press (out of print). SIGCHI reference.		5	
	Karl D.D. Willis, Ivan Poupyrev, Scott E. Hudson, and Moshe Mahler. 2011. SideBySide: ad-hoc multi-user interaction with handheld projectors. In Proceedings of the 24th annual ACM symposium on User interface software and technology (UIST '11). ACM, New York, NY, USA, 431-440. http://doi.acm.org/10.1145/2047196.2047254 and Video. (Cited by 75)	**Siyan Zhao**	6	
5. Assistive Technologies				
	W. Keith Edwards and Elizabeth D. Mynatt. 1994. An architecture for transforming graphical interfaces. In Proceedings of the 7th annual ACM symposium on User interface software and technology (UIST '94). ACM, 39-47. http://dl.acm.org/citation.cfm?id=192443. (Cited by 43)	**Judith Uchidiuno**	8	
	Jacob O. Wobbrock, Brad A. Myers, and John A. Kembel. 2003. EdgeWrite: a stylus-based text entry method designed for high accuracy and stability of motion. In Proceedings of the 16th annual ACM symposium on User interface software and technology (UIST '03). ACM, 61-70. http://dl.acm.org/citation.cfm?id=964703. (Cited by 290)	**Cole Gleason**	7	
	Walter Lasecki, Christopher Miller, Adam Sadilek, Andrew Abumoussa, Donato Borrello, Raja Kushalnagar, and Jeffrey Bigham. 2012. Real-time captioning by groups of non-experts. In Proceedings of the 25th annual ACM symposium on User interface software and technology (UIST '12). ACM, 23-34. https://dl.acm.org/citation.cfm?id=2380122. (Cited by 109)	**Felicia Ng**	9	
6. Output techniques and visualization				
	Bay-Wei Chang and David Ungar. 1993. Animation: from cartoons to the user interface. In Proceedings of the 6th annual ACM symposium on User interface software and technology (UIST '93). ACM, New York, NY, USA, 45-55. http://doi.acm.org/10.1145/168642.168647 (there is a tiny bit about their animation in this long video)	**Mary Beth Kery**	10	
	Jeffrey Heer and Ben Shneiderman. 2012. Interactive Dynamics for Visual Analysis. Queue 10, 2, Pages 30 (February 2012), 26 pages. http://doi.acm.org/10.1145/2133416.2146416	**Alexandria Vail**	11	
	F. B. Viegas, M. Wattenberg, F. van Ham, J. Kriss and M. McKeon, "ManyEyes: a Site for Visualization at Internet Scale," in IEEE Transactions on Visualization and Computer Graphics, vol. 13, no. 6, pp. 1121-1128, Nov.-Dec. 2007. http://ieeexplore.ieee.org/document/4376131/. (Cited by 630)	**Joseph Seering**	12	
7. Ubicomp, sensors, context aware, and Internet of Things (IoT)				
	Anind K. Dey, Gregory D. Abowd, and Daniel Salber. 2001. A conceptual framework and a toolkit for supporting the rapid prototyping of context-aware applications. Hum.-Comput. Interact. 16, 2 (December 2001), 97-166. http://dx.doi.org/10.1207/S15327051HCI16234_02. (Cited by 3373)	**Kareem Bedri**	13	
	Victoria Bellotti, Maribeth Back, W. Keith Edwards, Rebecca E. Grinter, Austin Henderson, and Cristina Lopes. 2002. Making sense of sensing systems: five questions for designers and researchers. In Proceedings of the SIGCHI conference on Human factors in computing systems: Changing our world, changing ourselves (CHI '02). ACM, New York, NY, USA, 415-422.http://doi.acm.org/10.1145/503376.503450. (Cited by 385)	**Nicholas Diana**	14	

	James Fogarty, Scott E. Hudson, Christopher G. Atkeson, Daniel Avrahami, Jodi Forlizzi, Sara Kiesler, Johnny C. Lee, and Jie Yang. 2005. Predicting human interruptibility with sensors. ACM Trans. Comput.-Hum. Interact. 12, 1 (March 2005), 119-146. http://doi.acm.org/10.1145/1057237.1057243. (Cited by 327)	**Tianshi Li**	15
8. User Interface Development Tools			
	Brad Myers, Scott E. Hudson, and Randy Pausch. 2000. Past, present, and future of user interface software tools. ACM Trans. Comput.-Hum. Interact. 7, 1 (March 2000), 3-28.http://doi.acm.org/10.1145/344949.344959. (Cited by 720)	**Michal Luria**	16
	Myers, B.A.; Giuse, D.A.; Dannenberg, R.B.; Zanden, B.V.; Kosbie, D.S.; Pervin, E.; Mickish, A.; Marchal, P., "Garnet: comprehensive support for graphical, highly interactive user interfaces," IEEE Computer , vol.23, no. 11, pp.71,85, Nov. 1990. http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=60882&tag=1 or local pdf. (Cited by 588). See also video: OpenVideo or local mp4 or YouTube.		17
	Stephen Oney, Brad A. Myers, and Joel Brandt, "InterState: A Language and Environment for Expressing Interface Behavior", ACM Symposium on User Interface Software and Technology, UIST'14, October 5-8, 2014, Honolulu, Hawaii. pp. 263-272. (Cited by 5)		18
9. Speech, Natural Language, Intelligent Agents			
	Sharon Oviatt. 1999. Ten myths of multimodal interaction. Commun. ACM 42, 11 (November 1999), 74-81. http://doi.acm.org/10.1145/319382.319398. (Cited by 735)	**Steven Dang**	19
	Pattie Maes. 1994. Agents that reduce work and information overload. Commun. ACM 37, 7 (July 1994), 30-40. http://dl.acm.org/citation.cfm?doid=176789.176792. (Cited by 3832)	**Saiganesh Swaminathan**	20
	Eric Horvitz. 1999. Principles of mixed-initiative user interfaces. In Proceedings of the SIGCHI conference on Human Factors in Computing Systems (CHI '99). ACM, 159-166. http://dl.acm.org/citation.cfm?id=303030. (Cited by 803)	**Kenneth Holstein**	21
10. Devices and "Gadgets" and Hardware toolkits			
	Ken Hinckley, Jeff Pierce, Mike Sinclair, and Eric Horvitz. 2000. Sensing techniques for mobile interaction. In Proceedings of the 13th annual ACM symposium on User interface software and technology (UIST '00). ACM, New York, NY, USA, 91-100. http://doi.acm.org/10.1145/354401.354417, see also the video -	**Haojian Jin**	22
	Saul Greenberg and Chester Fitchett. 2001. Phidgets: easy development of physical interfaces through physical widgets. In Proceedings of the 14th annual ACM symposium on User interface software and technology (UIST '01). ACM, New York, NY, USA, 209-218. http://doi.acm.org/10.1145/502348.502388, see also the video -	**Yang Zhang**	23
	Hiroshi Ishii and Brygg Ullmer. 1997. Tangible bits: towards seamless interfaces between people, bits and atoms. In Proceedings of the SIGCHI conference on Human factors in computing systems (CHI '97), Steven Pemberton (Ed.). ACM, New York, NY, USA, 234-241. http://doi.acm.org/10.1145/258549.258715. (Cited by 4171)	**Yasmine Kotturi**	24
11. Empirical Studies of Programmers, API Usability, and End-User Programming			
	Andrew J. Ko, Robin Abraham, Laura Beckwith, Alan Blackwell, Margaret Burnett, Martin Erwig, Joseph Lawrance, Henry Lieberman, Brad Myers, Mary Beth Rosson, Gregg Rothermel, Chris Scaffidi, Mary Shaw, Susan Wiedenbeck. "The State of the Art in End-User Software Engineering", ACM Computing Surveys. 43(3), Article 21, (April 2011). 44 pages. ACM DL and local pdf. (Cited by 319)	**Zheng Yao**	25
	Andrew J. Ko, Brad A. Myers, and Htet Htet Aung. "Six Learning Barriers in End-User Programming Systems." VL/HCC'04: IEEE Symposium on Visual Languages and Human-Centric Computing, Rome, Italy, September 26-29, 2004. pp. 199-206. pdf. (Cited by 288)	**Michael Madaio**	26
	Brad A. Myers, Andrew J. Ko, Thomas D. LaToza, and YoungSeok Yoon. "Programmers Are Users Too: Human-Centered Methods for Improving Programming Tools," IEEE Computer, 49, issue 7, July, 2016, pp. 44-52. IEEE DL or local pdf	**Toby Jia-Jun Li**	27
12. 3D Printing and Makers			
	Karl Willis, Eric Brockmeyer, Scott Hudson, and Ivan Poupyrev. 2012. Printed optics: 3D printing of embedded optical elements for interactive devices. In Proceedings of the 25th annual ACM symposium on User interface software and technology (UIST '12), 589-598. http://dl.acm.org/citation.cfm?id=2380190. (Cited by 130)	**Michael Rivera**	28
		Joselyn McDonald	29
	Guanyun Wang, Lining Yao, Wen Wang, Jifei Ou, Chin-Yi Cheng, and Hiroshi Ishii. 2016. xPrint: A Modularized Liquid Printer for Smart Materials Deposition. In Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems (CHI '16). ACM, 5743-5752.http://dl.acm.org/citation.cfm?id=2858281.	**Franceska Xhakaj**	30
13. Virtual Reality and Augmented Reality			
	Myron W. Krueger, Thomas Gionfriddo, and Katrin Hinrichsen. 1985. VIDEOPLACE—an artificial reality. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '85). ACM, New York, NY, USA, 35-40. http://dl.acm.org/citation.cfm?id=317463 and video: https://www.youtube.com/watch?v=d4DUIeXSEpk	**Jonathan Dinu**	31

	Richard Stoakley, Matthew J. Conway, and Randy Pausch. 1995. Virtual reality on a WIM: interactive worlds in miniature. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '95), pp 265-272. http://dl.acm.org/citation.cfm?id=223938. (Cited by 775)	**Rushil Khurana**	32
	Susan R. Fussell, Robert E. Kraut, and Jane Siegel. 2000. Coordination of communication: effects of shared visual context on collaborative work. In Proceedings of the 2000 ACM conference on Computer supported cooperative work (CSCW '00). ACM, 21-30. http://dl.acm.org/citation.cfm?doid=358916.358947. (Cited by 298)	**Fannie Liu**	33
14. Gestures and Gesture Recognition			
	Dean Rubine. 1991. Specifying gestures by example. In Proceedings of the 18th annual conference on Computer graphics and interactive techniques (SIGGRAPH '91). ACM, New York, NY, USA, 329-337. http://doi.acm.org/10.1145/122718.122753 See the video: https://www.youtube.com/watch?v=RdMUt0VHIP8. (Cited by 996)	**Julian Ramos Rojas**	34
	James Landay and Brad Myers. "Sketching Interfaces: Toward More Human Interface Design", IEEE Computer, March, 2001. Vol. 34, No. 3. pp. 56-64. http://www.cs.cmu.edu/~garnet/silk-ieee-published.pdf. See the video: https://www.youtube.com/watch?v=VLQcW6SpJ88. (Cited by 575)	**Fanglin Chen**	35
	Jacob O. Wobbrock, Andrew D. Wilson, and Yang Li. 2007. Gestures without libraries, toolkits or training: a $1 recognizer for user interface prototypes. In Proceedings of the 20th annual ACM symposium on User interface software and technology (UIST '07). ACM, New York, NY, USA, 159-168. DOI=10.1145/1294211.1294238 http://doi.acm.org/10.1145/1294211.1294238. (Cited by 630)		36
		31	

Random Number	Student Name	Paper choice (see list on other tab)		
0.02456685347	Joseph Seering	12		
0.06201045221	Kristin Williams	3		
0.06626390725	Kareem Bedri	13		
0.1238373936	Mary Beth Kery	10		
0.1392126106	Steven Dang	19		
0.1415768821	Saiganesh Swaminathan	20		
0.2561744593	Michael Rivera	28		
0.2813668966	Julian Ramos Rojas	34		
0.3613796598	Alexandra To	2		
0.4757627123	Felicia Ng	9		
0.4810758094	Judith Uchidiuno	8		
0.5261556446	Cole Gleason			
0.5508583572	Yasmine Kotturi	24		
0.5758148174	Nicholas Diana	14		
0.5893603996	Yang Zhang	23		
0.6003448992	Kenneth Holstein	21		
0.6339805027	Haojian Jin	22		
0.6644402172	Fannie Liu	33		
0.7456369436	Fanglin Chen	35		
0.8044350314	Jonathan Dinu	31		
0.8214039217	Rushil Khurana	32		
0.8271312137	Tianshi Li	15		
0.8272431106	Toby Jia-Jun Li	27		
0.8277780104	Michael Madaio	26		
0.8446271557	Siyan Zhao	6		
0.8600351223	Michal Luria	16		
0.8849494636	Alexandria Vail	11		
0.8974356629	Zheng Yao	25		
0.9647998777	Franceska Xhakaj	30		
0.9836445819	Alex Sciuto	1		
0.9864814498	Joselyn McDonald	29		