

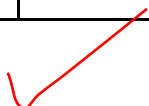
CS 519: Inclusive Design
Project Installment #2

20
20 Good job

What:

Category	Articles on web	Online videos	Online journals	More Data Needed
Autism				
What is Autism?	✓	✓		
What is Autism Syndrome Disorder (ASD)?	✓	✓		
ASD symptoms, categories and behaviors?	✓	✓		
ASD causes, treatment and significance of special learning needs?	✓	✓		
Kids online				
How many kids use the internet?	✓		✓	
What are kids doing on the internet?	✓		✓	
At what age do kids start using the internet?	✓		✓	
Learning challenges				
How children with autism perform in a regular school?			✓	

What's the obstacles for children with autism to learning at school?	✓		✓	
How do computers help children with autism to overcome the obstacle to learning?			✓	
Existing online learning tools				
Which are the popular online learning tools already available for autistic kids and regular kids of elementary school age?	✓			
What are the lacunas in existing online learning tools?	✓			✓
What are the good features that we should also consider while designing InLearn system?	✓			✓
Recommended educational methods for Autistic kids				
What are some of the most popular methods for educating autistic kids?			✓	
How inclusive are those teaching methods?	✓			✓
Parents and their involvement in education				
What are some of the concerns of the parents of autistic kids regarding their education?			✓	
What role do parents play in the education of autistic kids?	✓			



Where:

Category	Description	Date	Author	Source #	Incorp. Into Personas ?
Autism	https://en.wikipedia.org/wiki/Autism	2017	Wikipedia	1	
	https://en.wikipedia.org/wiki/Autism_spectrum	2017	Wikipedia	2	
	https://www.youtube.com/watch?v=ouQHa-o5J-w	2017	YouTube	3	
	https://www.youtube.com/watch?v=tCSetRztLro	2017	YouTube	4	
Kids online	https://www.kidsmatter.edu.au/health-and-community/enewsletter/kids-online-statistics [What kids do online]	2015	Kids Matter; Rosalie O'Neale	5	
	https://blogs.technet.microsoft.com/microsoft_on_the_issues/2013/10/14/how-old-is-too-young-to-go-online/ [When kids start going online]	2013	Microsoft	6	
	https://www.csoonline.com/article/2225579/microsoft-	2013	CSO	7	


	subnet/most-parents-allow-unsupervised-internet-access-to-children-at-age-8.html [When kids start going online unsupervised by parents]				
Learning challenges	Involvement or Isolation? The Social Networks of Children with Autism in Regular Classrooms [related to the performance of children with autism in a regular school]	2007	Chamberlain, B., Kasari, C., Rotheram-Fuller, E.	8	YES
	Social involvement of children with autism spectrum disorders in elementary school classrooms [related to the performance of children with autism in a regular school]	2011	Rotheram-Fuller, E., Kasari, C., Chamberlain, B.	9	YES
	School factors associated with mainstream progress in secondary education for included pupils with Autism Spectrum Disorders [related to the obstacles for children with autism to learning at school]	2011	Lisa A. O., Phil R.	10	YES
	Preschool Education Programs for Children with Autism [related to obstacles of children	2001	Jan S. Handleman, Sandra L.	11	YES

	with autism to learning at school]		Harris		
	Choosing a School for Children on the Autism Spectrum [related to obstacles of children with autism to learning at school]	2010	Kristina Chew	12	YES
	Do children with autism learn to read more readily by computer assisted instruction or traditional book methods? A pilot study. [related to how computers can help children with Autism to overcome obstacles in learning]	2002	Christine Williams, Barry Wright, Gillian Callaghan, Brian Coughlan	14	YES
	Use of Computer - Assisted Technologies (CAT) to Enhance Social, Communicative, and Language Development in Children with Autism Spectrum Disorders [related to how computers can help children with Autism to overcome obstacles in learning]	2013	Ploog, B.O., Scharf, A., Nelson, D.	15	YES
Existing online learning tools	https://www.time4learning.com/curriculum	2017	Time4Learning.com	16	

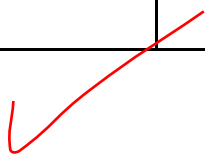
	/how-it-works.html [Existing online learning system]				
	https://www.missiontolearn.com/autistic-student-resources-games/ [10 popular online learning websites for Autistic kids]	2017	Jeff Cobb	17	
	https://www.thespruce.com/best-free-educational-websites-for-kids-3129084 [20 popular online learning websites for regular kids]	2017	Apryl Duncan	18	
Recommended educational methods for Autistic kids	Inclusion strategies for students with autism spectrum disorders [Popular methods of educating autistic children]	2010	Susan Flynn	19	YES
	A Case Study On Autism: School Accommodations And Inclusive Settings [Level of inclusivity of the teaching methods]	2015	Coffey, Kenneth M, Obringer, S John	20	YES
Parents and their involvement in education	Concerns of parents and teachers of children with autism in elementary school [Statistics of parents and teachers concerns for autism]	2016	Azad G, Mandell DS	21	

	education and how to address them]				
	Educating Children with Autism: Family Roles [The demands on parents and the skills they need to help their children's education]	2011	The National Academics Press	22	

When:



Phase	Activity	When Completed	Related Project Milestones
Family Planning	<p>Define project goals and create the structure of the action plan.</p> <p>Data Collection</p> <ol style="list-style-type: none">1. Research on Autism, Autism Spectrum Disorder (ASD), Symptoms and Challenges of ASD2. Research on statistics of kids online3. Research on learning challenges for both mainstream population and target population4. Research on existing online learning tools5. Research on recommended educational methods for autistic kids6. Research on concerns of parents about online education <p>Prepare a presentation that precisely describes and represents the marginalized population based on the researched information.</p> <p>Meet with development team for buying in time for development and use of personas.</p>	10/20/2017	<p>Project goals identified and plan formalized.</p> <p>Obtained data sources, researched them and compiled into a plan and presentation.</p> <p>Present the population to class and obtain feedback.</p> <p>Incorporate feedback from class about our target population into the persona development in the next stage.</p> <p>Development team made aware of personas development activity and its significance in developing InLearn system.</p>



Conception and Gestation	<p>Pick the most relevant information from the data collected in the previous phase.</p> <p>Create 2 personas one for autistic kids and other for regular kids.</p> <p>Have the updated version evaluated by the class and Dr. Burnett, and prioritize the various tasks at hand.</p>	10/31/2017	<p>Retrospection into the compiled information set will be complete.</p> <p>Team will present re-evaluated findings to rest of the class and Dr Burnett.</p> <p>Final version of the personas developed based on evaluation and feedback.</p>
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