W5 Competitor Analysis

Reference 1:

Title	Fixperts Create a Guitar Pick for Disabled Player
Citation	http://acousticguitar.com/watch-fixperts-create-a-guitar-pick-for-disabled-player/
Notes	 A specialized pick was created for a guitarist with missing fingers Initial prototypes were made of cardboard It is a plastic ring that goes around the thumb, with a velcro for adjusting tightness. The ring that goes around the thumb is sturdy. Velcro adjusting is good because it can fit all people. For someone with no hand mobility, a ring that just goes around the thumb might not provide enough support. Adapted to a specific client's hand

Reference 2:

Title	Sharktooth crossover picks aid injured guitarists
Citation	http://www.strum-n-comfort.com/inthenews/sharktoothpicksaidinjuredguitarists. html
Notes	 A pick for people with disabilities in their hands There is a small velcro band that goes around the thumb, and a guitar pick is attached to it Probably the simplest thing

- The pick is attached to the inner part of the thumb
- This assistive pick will not work if people cannot move their other fingers, or if their thumb is closer to their palm than their other fingers are
 - Cannot be used with a regular guitar pick.
 - Just velcro might be a little flimsy.



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Reference 3:

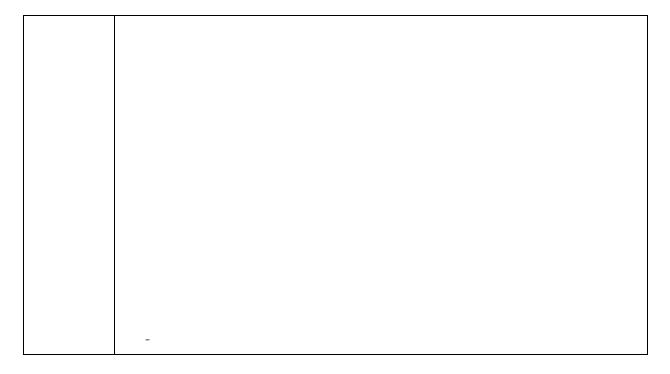
Title	Pick Assists (Music Aids for Special Needs)
Citation	http://www.adaysworkmusiceducation.com/pickassists.html
Notes	 Assists provided aid to those who are challenged to hold a normal guitar pick Three lengths (small, medium, long) Optional knobs on handles to maximize grip Picks are able to be moved (180 degree range) Optional velcro model has velcro strap to secure handle around wrist Clients will not be able to hold handle due to contractions in hand Clients lack ability to grip, so model will not be compatible with them Prices are relatively cost efficient/affordable, natural materials are used for the construction of the assist

Reference 4:

Title	Special Guitar Pick
Citation	https://abledata.acl.gov/product/special-guitar-pick
Notes	- Designed for people with hand weakness - A plastic piece that wraps around the pointer and thumb - Uses curved pieces of plastic for a sturdy device - Has to be molded to each individual's hand.

Reference 5:

Title	Adaptive Equipment
Citation	https://accessmusictherapy.com/adaptive-equipment/
Notes	 There is a velcro strap that goes around the client's hand and is attached to a guitar pick This design seems unstable and does not appear to be able to withstand the force of someone strumming guitar strings. It can however, be adapted to anybody's hand due to its versatility



Reference 6:

Title	ZeroGravity-Orbit
Citation	https://www.amazon.com/ZeroGravity-Orbit-Guitar-Medium-Single/dp/B0002E 1UNU/ref=cm cr arp d bdcrb top?ie=UTF8
Notes	- Designed for people who cannot grip as tightly - Soft rubber grip - Can accommodate both left and right handed players, and all hand sizes - A rubbery, long pick with a hole which the users can put their fingers through Rubber provides a good grip - Reviews say that it wears out too quickly, and often breaks - For someone with no grip strength at all, this would probably not work.