

Requirement	Type	Level	Version 2 - DOT. (Final Product)	Version 1 - Cardboard Axle Display
The device shall be able to record text from a surface	Functional	1	Yes	No
The device shall be able to convert the text into braille characters	Functional	1	Yes	No
The device shall be able to present the braille characters to the users	Functional	1	Yes	Yes
The device is portable, and can be operated outside of the home	Physical	1	Yes	No
The device shall weight less than 400 grams	Physical	1	Yes	Yes
The device shall be less than 8 cm tall, 15 cm wide, and 8 cm deep	Physical	1	Yes	No
The device shall cost less than \$150	Cost	1	Yes	Yes
The user has the ability to read braille and/or listen to audio	User	1	Yes	Yes
The user has the ability to properly position the device with guidance from the device	User	1	Yes	Yes
The device shall include a user guide detailing how to use the device correctly	Documentation	1	Yes	No
The device shall be able to convert the text into speech	Functional	2	No	No
The device shall be able to present the speech to the user	Functional	2	No	No
The device shall have buttons to control the device physically	Functional	2	No	No
The device shall be made of durable material	Physical	2	Yes	No
The device will connect to an app which can help the user customize their experience	Functional	3	No	No
The device can be used with no hands.	Functional	3	No	No
The device shall cost less than \$100	Cost	3	Yes	Yes

Requirement	Level	DOT.	Tactile	Braille Print Books	Brailiant	TWM651236U (Patent)
The device shall be able to record text from a surface	1	Yes	Yes	No	No	No
The device shall be able to convert the text into braille characters	1	Yes	Yes	No	Yes	No
The device shall be able to present the braille characters to the users, at least 6 characters at a time	1	Yes	Yes	Yes	Yes	Yes
The device shall be able to help the user properly position the device in front of the text	1	Yes	Yes	No	No	Yes
The device is portable, and can be operated outside of the home	1	Yes	No	No	No	Yes
The device shall weight less than 400 grams	1	Yes	Maybe	No	No	Yes
The device shall be less than 8 cm tall, 15 cm wide, and 8 cm deep	1	Yes	No	No	Yes	Yes
The device shall cost less than \$150	1	Yes	Yes	No	No	Yes
The user has the ability to read braille and/or listen to audio	1	Yes	Yes	Yes	Yes	Yes
The user has the ability to properly position the device with guidance from the device	1	Yes	Yes	No	No	Yes
The device shall include a user guide detailing how to use the device correctly	1	Yes	Maybe	Maybe	Maybe	Yes
The device shall be able to convert the text into speech	2	Yes	No	No	No	No
The device shall be able to present the speech to the user	2	Yes	No	No	No	No
The device shall have buttons to control the device physically	2	Yes	Yes	No	Yes	No
The device shall be made of durable material	2	Yes	Yes	No	Yes	Yes
The device will connect to an app which can help the user customize their experience	3	Yes	No	No	No	No
The device can be used with no hands.	3	Yes	No	No	No	No
The device shall cost less than \$100	3	Maybe	No	No	No	Yes

Level 1 (Must Have)	Level 2 (Should Have)	Level 3 (Nice to Have)		Key
The device shall be able to record text from a surface	The device shall be able to convert the text into speech	The device will connect to an app that can help the user customize their experience		Functional
The device shall be able to convert the text into braille characters	The device shall be able to present the speech to the user	The device can be used with no hands.		Physical
The device shall be able to present the braille characters to the users, at least 6 characters at a time	The device shall have buttons to control the device physically	The device shall cost less than \$100		Cost
The device shall be able to help the user properly position the device in front of the text	The device shall be made of durable material			User
The device is portable, and can be operated outside of the home				Documentation
The device shall weight less than 450 grams				
The device shall be less than 8 cm tall, 10 cm wide, and 5 cm deep				
The device shall cost less than \$150				
The user has the ability to read braille and/or listen to audio				
The user has the ability to properly position the device with vocal guidance from the device				
The device shall include a user guide detailing how to use the device correctly				