

# Assistive Technology Database User Manual

Seven Hills Foundation

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# Seven Hills Foundation Assistive Technology Database User Manual

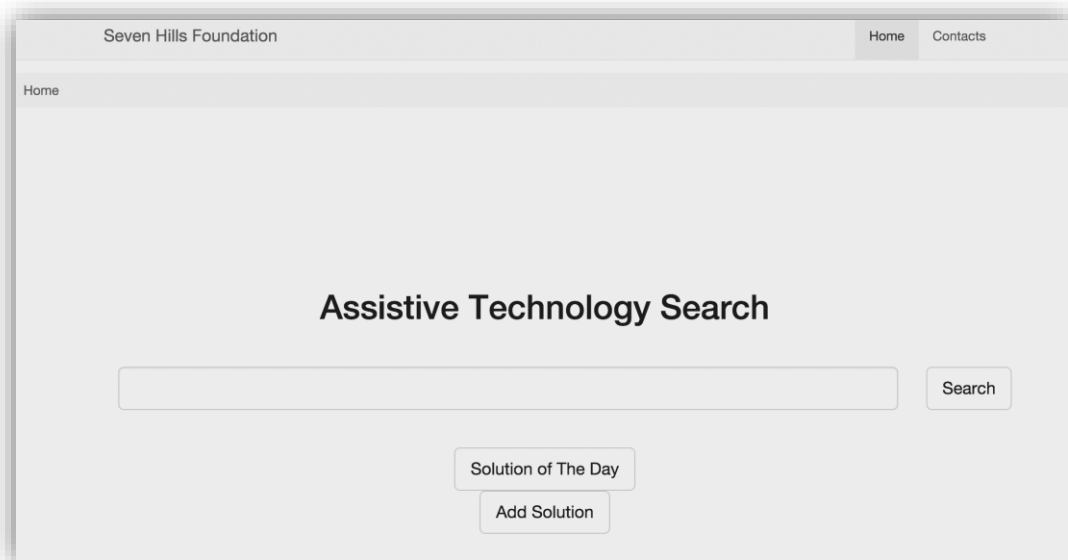
## About

This AT Database User Manual will teach you to easily navigate the Seven Hills AT database using the web interface. The database will introduce you to the various assistive technology options available for Seven Hills Foundation's clients. Assistive technology options will include, various devices, ideas, materials, vendors, and instructions designed to promote the independence and improve the quality of life of the clients at Seven Hills Foundation.

## Getting Started

Log on to (insert link)

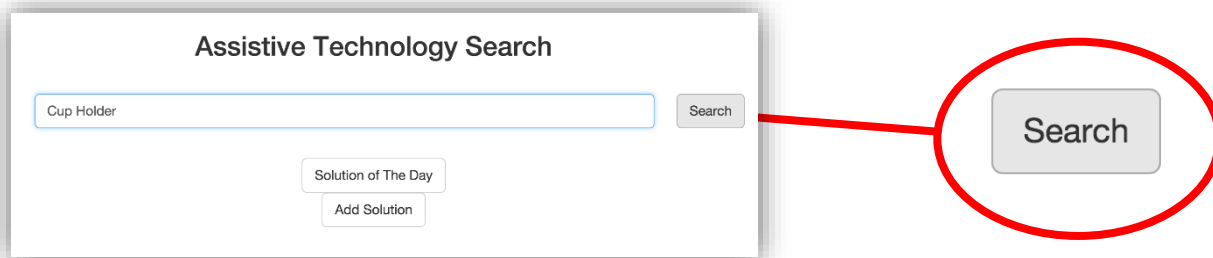
You will be directed to the home page of the database:



## Search

Type your desired keyword into the search field located here and press the search button.

You may search for various keywords including activities of daily living, materials, vendors, etc. and you will be redirected to various search results:

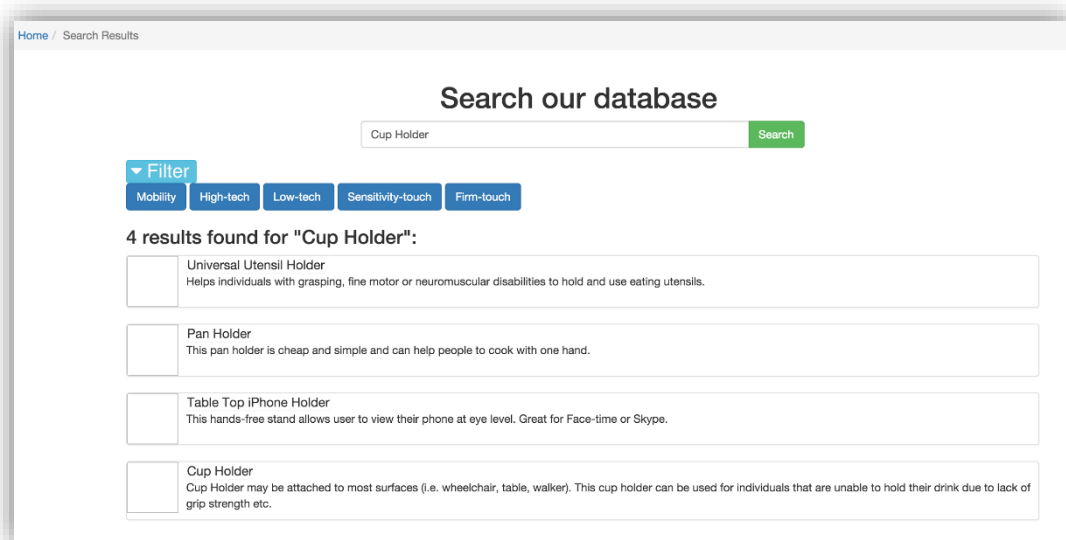


The image shows a web interface titled "Assistive Technology Search". It features a search input field containing the text "Cup Holder" and a "Search" button. A red line connects the "Search" button in the interface to a larger, red-outlined version of the "Search" button shown to the right, highlighting the search action.





## Results Screen View

After clicking the search button, your search results will appear as a list of solutions, as shown in the following screen. The list of solutions will include your search keywords somewhere within the title, categories, descriptions, or instructions. This feature allows you to diversify your search results; giving you the ability, for example, to search any solutions that use a specific material.

Choose the desired solution by clicking the link embedded in the title.



The image shows a web interface titled "Search our database". It features a search input field containing the text "Cup Holder" and a green "Search" button. Below the search bar, there is a "Filter" dropdown menu with options: "Mobility", "High-tech", "Low-tech", "Sensitivity-touch", and "Firm-touch". The results section displays "4 results found for 'Cup Holder':".

Image	Title	Description
	Universal Utensil Holder	Helps individuals with grasping, fine motor or neuromuscular disabilities to hold and use eating utensils.
	Pan Holder	This pan holder is cheap and simple and can help people to cook with one hand.
	Table Top iPhone Holder	This hands-free stand allows user to view their phone at eye level. Great for Face-time or Skype.
	Cup Holder	Cup Holder may be attached to most surfaces (i.e. wheelchair, table, walker). This cup holder can be used for individuals that are unable to hold their drink due to lack of grip strength etc.

## Solution Screen View

You will be directed to the solution's page which includes the following information. Each field of information is aimed to provide you with as much useful information as possible.

### Cup Holder

Time to Build:


10 minutes

Difficulty to Build:

★★★★☆

Cost:

0 USD



#### Materials

#	Material	Vendor	Quantity
1	Industrial Twist Tie (17")	Amazon	1
2	Loc-Line (1/2")	modularhose.com	2
3	PVC Side Outlet T	Third Party	1
4	17" Industrial Twist Tie	Third Party	1

#### Instructions

1. Attach two loc-line using Loc-line assembly pliers to create one singular, longer loc-line. Note that additional loc-line can be attached to created a longer holder. 2. Attach loc-line to Tubular clamp. 3. Attach base of the PVC Side Outlet T to the other end of the Loc-line. 4. Thread the twist tie through the other two ends of the PVC. 5. Thread one end of the twist tie back in the PVC outlet until it stays in place. 6. Bend the twist tie to accommodate cup sizes.

## Navigation

The Solutions Screen provides you with information regarding a specific solution. Below, you will be shown how to navigate the information provided on an AT solution page.

Information Bar: Includes information regarding Time To Build, Difficulty To Build, and Cost.

### Cup Holder

Time to Build:

10 minutes

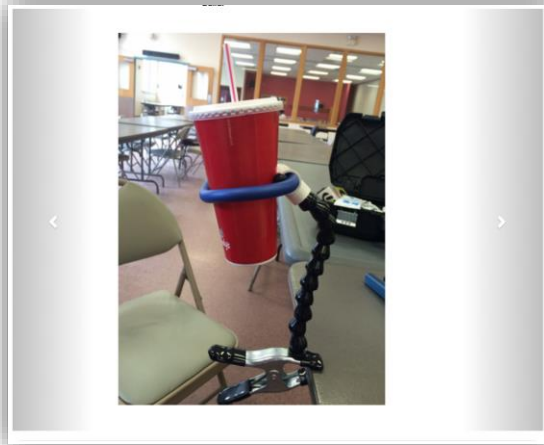
Difficulty to Build:

★★★★☆

Cost:

0 USD

Images: Includes any image that was uploaded by a user that either added the device or created it at a later date and edited the solution page.



Materials: Information regarding the materials used to build the solution. The material's information is separated into three different categories:

Material Name

Vendor (Stores, Websites, Resources, Suggestions)

Amount (Amount (#) of a specific material necessary to build the solution)

### Materials

#	Material	Vendor	Quantity
1	Industrial Twist Tie (17")	Amazon	1
2	Loc-Line (1/2")	modularhose.com	2
3	PVC Side Outlet T	Third Party	1
4	17" Industrial Twist Tie	Third Party	1

*The material section provides you with useful information to find vendors to buy a material and it provides you with the information you will need to develop a particular solution. Materials may need to be adjusted to suit different users.*

Instructions: Includes a useful set of instructions, tips, resources, links, etc. at the bottom of the web page.

### Instructions

1. Attach two loc-line using Loc-line assembly pliers to create one singular, longer loc-line. Note that additional loc-line can be attached to created a longer holder. 2. Attach loc-line to Tubular clamp. 3. Attach base of the PVC Side Outlet T to the other end of the Loc-line. 4. Thread the twist tie through the other two ends of the PVC. 5. Thread one end of the twist tie back in the PVC outlet until it stays in place. 6. Bend the twist tie to accommodate cup sizes.

## Add a Solution

In order to add a solution, you begin by pressing the **Add Solution** button. This button will redirect you to the Add a Solution form. There are various required data fields that must be completed for the form to be submitted successfully. In order to add a solution successfully, follow the directions provided below.

Home / Add Solution

### Add a Solution

**Solution Name**

**Description**

**Category**

**Materials**  **Vendor**  **Quantity**

#	Material	Vendor	Quantity
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**Time to Build**  **minutes**

**Difficulty** ★★★★★

**Cost**  **USD**

**Upload Images**  No file chosen

**Instructions**

### Solution Name

Type the name of the AT device or solution.

### Description

Type a brief description of the AT device or solution, try to include descriptive keywords which will be useful to find the AT device or solution in future searches.

### Adding Categories

When you select the category field, a dropdown box will appear, as shown below, which will help you in tagging an AT device or solution. These categories will act as a filtering tool to help you to search AT devices or solutions by a particular category. Categories can also be created, with approval, if you think it will improve the search process. When creating categories, please contact Jean Des Roches for approval. (JDesRoches@sevenhills.org)

Select tags, or create new ones

- Activities of Daily Living
- Communication Aid
- High Build Time
- High Cost
- High Mobility User
- Low Build Time
- Low Cost

**Category**

## Adding Materials

The diagram illustrates the process of adding materials. A red line traces the flow from the top form, through the input fields, and into the materials list.

**Top Form:**

- Materials:** Select a material, or add new one (dropdown menu)
- Vendor:** N/A
- Quantity:** (input field)
- Add Material:** (button)

**Input Fields:**

- Materials:** Select a material, or add new one (dropdown menu)
- Vendor:** (input field)
- Quantity:** (input field with value 2)

**Materials List:**

- Acrylic Sheets
- Adjustable Flag Pole Bracket
- BB Gun Bullets
- Black Self-Fusing Silicone Tape
- Carpet Tape
- Clear Corner Guard (3/4")
- Corrugated Plastic

Press Add Material beneath the entry fields you have just filled out. If done correctly, you should now be able to view your entry in the list of materials.

Materials			
#	Material	Vendor	Quantity
1	Industrial Twist Tie (17")	Amazon	1



## Time to Build

Estimate approximate time that it takes to build solution. Entry must be in numerical format (in minutes).

<b>Time to Build</b>	<input type="text"/>	<b>minutes</b>
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## Difficulty to Build

Select the approximate level of difficulty of building the solution from 1 star (very easy) - 5 stars (difficult)

<b>Difficulty</b>	Easy	☆☆☆☆☆	Hard
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## Cost

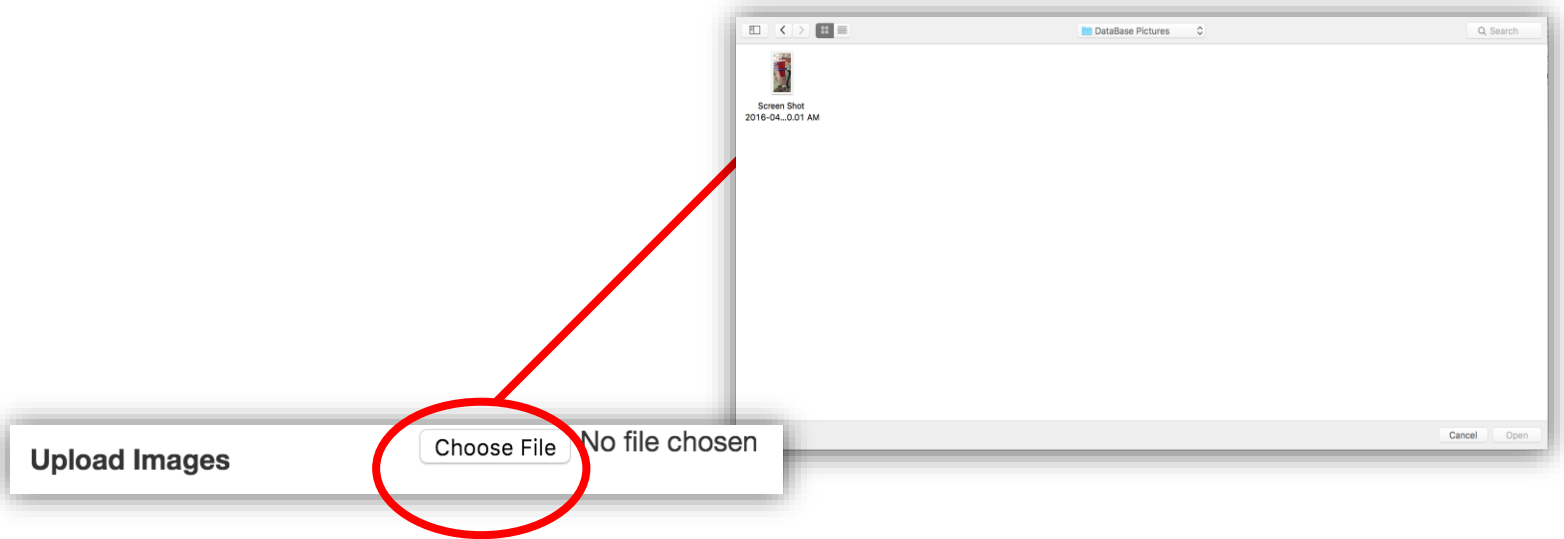
Estimate cost of the materials to build the solution. Entry must be in numerical format (US Dollars).

Key for Cost Tags	
Low Cost	(\$0-\$25)
Medium Cost:	(\$25-\$50)
High Cost:	(\$50+)

<b>Cost</b>	<input type="text" value="10"/>	<b>USD</b>
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## Upload Images

If you would like to include images of the completed product, materials, or steps to build the solution, you press the button “Upload File.” Make sure you have your image in a folder that you are able to access prior to this step. When pressing the “Upload File” button, you will be directed to a pop up box that allows you to select an image from your folders. Select the image you would like and double click. Your image will automatically upload.



## Instructions

Type in the entry field any instructions you may have to build the solution in addition to any resources, links, tips, or notes that may be useful for the user.

Instructions	<div></div>
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## Comments

Type in any comments deemed necessary such as helpful tips or any modifications to the AT solution that you are aware of.

**Ben** says:  
This works really well!

**Jean** says:  
We should buy a couple of these!

Name

Comment

## Solution of the Day

Press the

Solution of The Day

Button and you will be directed to a random solution for that

day.