



**e-create**

reuse old items.  
reduce the waste.  
recycle the rest.

Final prototype presentation

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# Design Concept

Our concept is to create a website that will help educate our users on recycling, while at the same time open their minds to a different way of environmental sustainability.

We want to allow users to transform something old, that might not work, into something new, different, fun, and possibly functional.

In doing this, they are going to be recycling their item, which can be considered as doing their part for the environment. Users can use this revelation as their motivation to continue to use our website and recycle through it.



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# Demostration of final prototype



- ▶ HOME
- ▶ BROWSE RECIPE
- ▶ POST RECIPE
- ▶ RECYCLING DEPOT
- ▶ ABOUT US

## News & Events

11.18.2008

Ecreate is Coming to Life!  
Stay tuned for the next few weeks as we do our best to make this website come to life! In three weeks, we plan on making it a user-friendly and fully-functional website.

[learn more...](#)

## welcome!

### latest updates

We are excited to let everyone know that we are only a few weeks away from completing the e-create website! We are doing our best to try and implement as many user-friendly functions as possible to make your experience enjoyable and fun. We look forward to seeing your creative projects!



### did you know that...

- Recycling of each ton of paper saves 17 trees and 7000 gallons of water (EPA)
- Every year enough paper is thrown away to make a 12' wall from New York to California
- Plastic milk containers are now only half the weight that they were in 1960 (EPA)
- Enough aluminium is thrown away to rebuild our commercial air fleet 4 times every year.
- 1 ton of glass made from 50% recycled materials saves 250 lbs. of mining waste (EPA)
- Recycled paper saves 60% energy vs. virgin paper (Centre for Ecological Technology)

Let's work together to help sustain our environment by reusing old materials, recycling all possible materials and parts, and reduce waste. Together, we can make a big difference!

## random popular recipes



### Button Cards

Created by:  
Billy Thorton  
[View recipe](#)



### Shirt Wrap

Created by:  
Jamie Lee  
[View recipe](#)

# Tech Specs

connection type	modem, DSL and cable modem
connection speed	> 56 K/s
monitor type	LCD or Tube→
monitor size	15"
monitor resolution	1024 x 768
browser support	* Firefox 1+ * Internet Explorer 5 * Netscape 6.0
platform	Microsoft Windows, Linux, Mac OS
memory	512mb +
video card	NVIDIA GeForce +
sound	none required
plug-ins	Adobe Flash Player 9,0,124,0 +
page-sizes	1.0
maps, charts illustrations	none
image types	.gif, .png, .jpeg
browser setting	JavaScript enabled
navigation	optic/scroll-wheel mouse, keyboard



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## Security issues - control points - Safeguard

\*Example from posting a recipe

Control points  Safeguard

Log-in

user name and password  
sent to database

restricted login  
attempts to 3 times

Register

personal information  
sent to database

randomly generated  
confirmation code

Upload recipes/  
Attachment

large files of different  
types can be uploaded

attachment filter that  
detects harmful mimetypes

User control  
panel

data is changed and  
updated constantly

disable avatars,  
character limit for  
text boxes