Chip Drop is a website that allows customers to apply to get free wood chips dropped off at their home. Currently many tree cutting companies create wood chips as they cut trees and they need to dispose of the chips after a project. Many of these companies pay money to have the wood chips dropped off at a dump rendering them useless; however using Chip Drop, many customers could potentially receive and use the wood chips for free. Chip Drop allows customers to connect with companies and vice versa.

**Home Page**

The home page is where you will be directed when you first visit our website. This page gives you a brief description of what this website does, and also shows a couple pictures of the process. You also have links to login or contact us.

**Login Page**

The website will consists of a user login page where people can create an account to login as a customer or as a company. People who are wanting to get chips dropped off at their house will sign up as a Consumer, and Companies that need a place to drop of chips for free will sign up as a Producer.

**Contact Us**

This page allows you to contact us with any questions you might have. Just give us your email address and a quick message and we will get back to you as soon as possible.

**Consumers**

**Create Account / Dashboard:**

You will be prompted to create an account and enter in your name, phone number and address that will be held in the database. You will then be redirected to a dashboard page where you will be able to view some information about your profile. This includes viewing your first and last name, changing your password, and viewing any active wood chip requests.

**Chip Request Form:**

This is a form that you can fill out to be able to request chips be delivered to you house. It is a very simple form that you add your name, address and any other information that may be needed. Once you have submitted this form, an active request will be sent to the database where wood chip companies will be able to see and come to your house to drop off chips.

**Buy Chips Page**

This is a page where you can go to if you are interested in paying money to receive chips faster than normal. Many companies will drop chips off at your place first if you are willing to pay money.

**Producers**

**Create Account / Dashboard:**

You will be prompted to create an account and enter in your company name, phone number and address that will be held in the database. You will then be redirected to a dashboard page where you will be able to view some information about your profile. This includes viewing your company name, changing your password, and viewing any active wood chip requests.

**Chip Disposal Form:**

This is a form that you can fill out to show that you have chips that need to be disposed of. It will ask for some information about the wood chips and how many that you have.

**Sell Chips Page**

This is a page where you can go to if you are interested in selling chips. If you have better quality of wood chips and want to sell them, this is where you will go to put them up for sell. Many people are looking for better quality and will contact you if you have them up for sell on this page.

You should include:

\* the purpose of the application,

\* a description of its intended users,

\* brief summary of its features.

\*\*\* Still needs descriptions of all the website features.

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| --- | --- |
| **MIS 5050 Project Requirements** | **Project Components** |
| 10 Interlinked Web forms | 1. Buy-chips.aspx - place that lists all chips for sale 2. Chip-disposal.aspx 3. Chip-request.aspx 4. Contact-us.aspx 5. Create-consumer.aspx 6. Create-producer.aspx 7. CreateUser.aspx 8. Customer-dashboard.aspx 9. Default.aspx 10. Login.aspx 11. Producer-dashboard.aspx 12. Sell-chip.aspx - place that lists all chips to get rid of |
| 10 database transactions | 1. Buy-chips.aspx    1. select chips available to buy 2. Chip-disposal.aspx    1. insert chip record that producer wants to sell 3. Chip-request.aspx    1. insert chip record that consumer wants to buy 4. Create-consumer.aspx    1. insert consumer information record 5. Create-producer.aspx    1. insert producer information record 6. Customer-dashboard.aspx    1. select active chip request records    2. update active chip request records    3. delete active chip request records 7. Producer-dashboard.aspx    1. select active chip disposal records    2. update active chip disposal records    3. delete active chip request records   … and many, many more. |
| User/Role management for at least 2 roles | Roles Supported   1. User 2. Admin |
| Preservation of State | When a user logs in, their ID is stored in a profile variable, and is used on other pages |
| 10 different ‘basic’ Web Controls - Those that map to an HTML Tag | 1. Create-consumer.aspx    1. TextBox1 (TextBox)    2. Label1 (Label)    3. Button1 (Button)    4. ListItem (ListItem) - State DropDownList 2. Chip-disposal.aspx    1. ddlChipQuantity (DropDownList) 3. lib/MasterPage.master    1. hyp\_default (HyperLink) 4. Chip-request.aspx    1. lblResults (Label) 5. Create-producer.aspx    1. TextBox5 (TextBox)    2. Label5 (Label)    3. ListItem (ListItem) - State DropDownList 6. CreateUser.aspx    1. RadioButtonList1 (RadioButtonList)    2. ListItem (ListItem) - Inside RadioButtonList1 |
| 5 different ‘advanced’ Web Controls - Those that do not map to an HTML tag | 1. Login.aspx    1. Login1 (Login) 2. Chip-disposal.aspx    1. cldDateAvailable (Calendar) 3. lib/MasterPage.master    1. SIteMapPath1 (SiteMapPath) 4. CreateUser.aspx    1. CreateUserWizard1 (CreateUserWizard) 5. lib/UserInformation.ascx    1. ChangePassword1 (ChangePassword) |
| Input Validators | 1. Contact-us.aspx    1. regexEmailValid - validate email addresses |
| 1 User Control | UserInfo.ascx - Display information about the current user. |
| 1 Navigation Control | 1. lib/MasterPage.master    1. SiteMapPath1 (SiteMathPath) |