**Tech Talk Script**

**creating a new app and database**

rails new <app\_name>

rails server (*Error Warning: Issue with release for Windows)*

rails generate scaffold status name:string content:text

***Notes:***

**generate** command uses templates to create boilerplate code (code necessary for the app to work)

**scaffold** command creates a full set model, database migration for that model, controller to manipulate it, views to view and manipulate the data and a test suite for each

**Routes** handles and generates URLs and paths

rake db:migrate

***\*\*\*Add to*** *config>routes.rb* ***\*\*\****

root to: 'statuses#index'

***Notes:*** *this links localhost:3000 to statuses index page*

**Views**

**\*\*\*Open** views>statuses>index.html.erb **\*\*\***

Talk about **ERB tags**

Embedded Ruby

**Output-tag:** <%= code > outputs value of code following object.property format(example status.name gets name property from current status object)

**Helper functions**: link\_to creates an anchor tag with given text and url (Show and Edit)

(destroy links back to statuses page but calls method to delete post)

**\*\*\*Open Browser and inspect element to display that html is being outputted by controller to browser\*\*\***

**\*\*\*Open File to demo partial views** app>views>statuses>\_form.html.erb **\*\*\***

**Partial Views**- represents shared content like the head and body sections

(Major Benefits are that it reduces redundancy, embraces encapsulation from OOP)

**\*\*\*Open File to demo partial views** app>views>statuses>edit.html.erb **\*\*\***

**Notes:** *<% render 'form' %> tells controller to render the \_form*

**\*\*\*Open File to demo layout** app>views>layouts.application.html.erb **\*\*\***

**Layouts**- is a special view that wraps a page view and gives it a common structure

***Notes:*** *yield renders the page view into the layout view*

**\*\*\*Add** <h1>Treebook</h1> **above yield and run server to demo\*\*\***

***Notes:*** *Helper methods in head section point to assets where rails handles all the .js .css and images*

**Formatting**

**\*\*\*Add Bootstrap files css/js\*\*\***

***Note:*** *.min are minimized without comments and whitespace to use with final site (Rails does this for us)*

**\*\*\* Open** assets>stylesheets>scaffold.css **delete contents, explain importance \*\*\***

**\*\*\*Add style element around yield\*\*\***

<div class = "container">

*<% yield %>*

</div>

**\*\*\*Add Navbar after <body>\*\*\***

<div class = "navbar navbar-inverse navbar-fixed-top">

<div class = "navbar-inner">

<div class = "container">

<a href = "#" class="brand">Treebook</a>

<!--list of links for header-->

<ul class = "nav">

<li><%= link\_to "All Statuses", statuses\_path %></li>

</ul>

</div>

</div>

</div>

**\*\*\*Add CSS to fix header issue** assets>stylesheets>application.css**\*\*\***

body{ padding-top: 40px;}

**Edit Status Class**

**\*\*\*Add CSS for status style in** assets>stylesheets>statuses.css**\*\*\***

// adds solid grey bottom border 1px wide

.status{

border-bottom: solid 1px #CCC;

padding: 5px 0;

}

//overides default p styling for statuses

.status p {

margin: 4px 0;

}