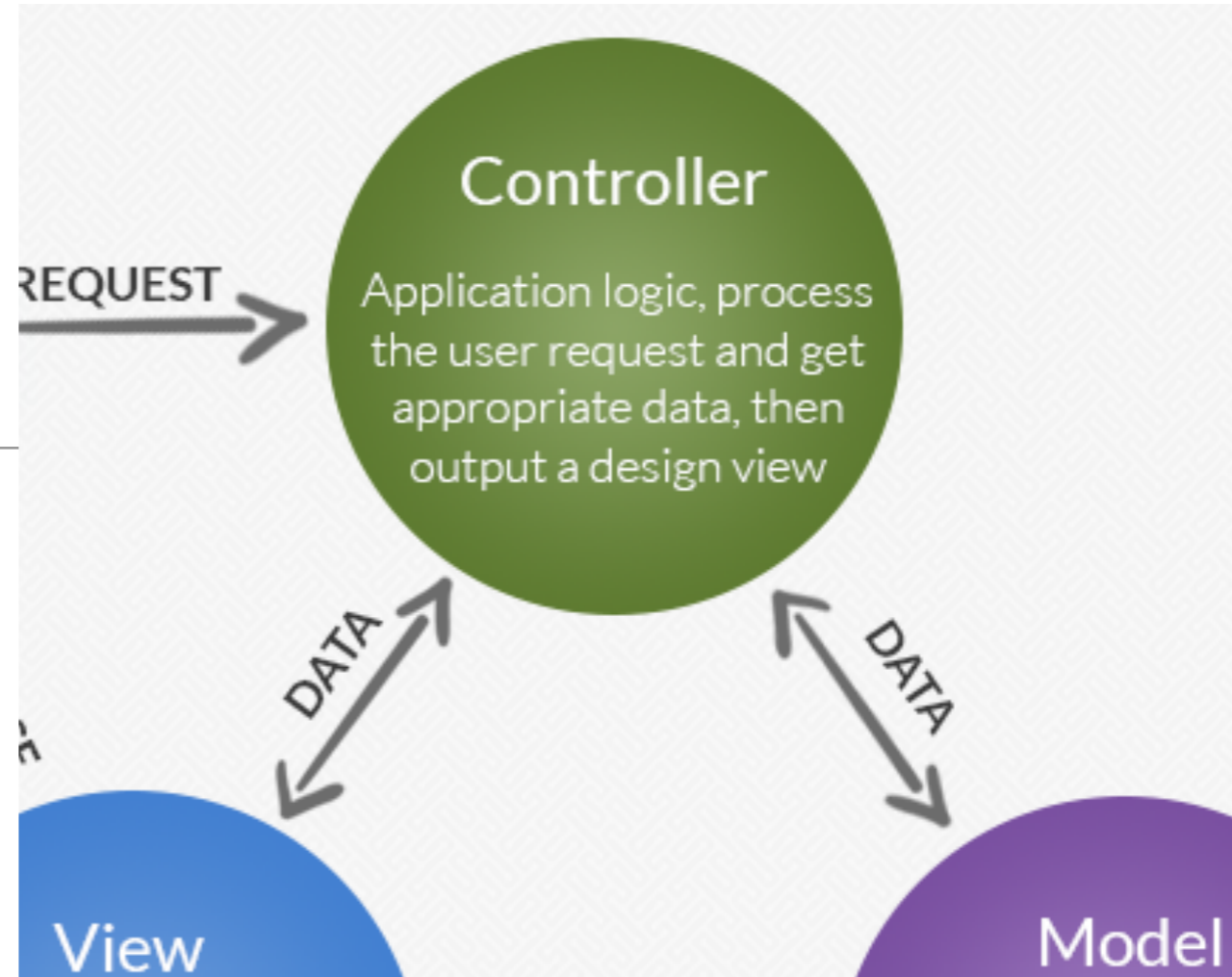


Playlist Controllers



Playlist Features

Add Song

Delete Song

Feature: Add Song

Bethoven Sonatas

Song	Artist	Duration	
Piano Sonata No. 3	Beethoven	5	Delete Song
Piano Sonata No. 7	Beethoven	6	Delete Song

Title

Artist

Duration

[Add Song](#)

playlist.html

```
#{extends 'main.html' /}
#{set title:'Playlist' /}

#{menu id:"dashboard"/}

<section class="ui segment">
  <h2 class="ui header">
    ${playlist.title}
  </h2>
  #{listsongs playlist:playlist /}
  #{addsong playlist:playlist /}
</section>
```

Bethoven Sonatas

Song	Artist	Duration	
Piano Sonata No. 3	Beethoven	5	Delete Song
Piano Sonata No. 7	Beethoven	6	Delete Song

Title	Artist	Duration
<input type="text" value="Title"/>	<input type="text" value="Artist"/>	<input type="text" value="Duration"/>
<input type="button" value="Add Song"/>		

```
<form class="ui stacked segment form" action="/playlists/${_playlist.id}/addsong" method="POST">
  <div class="two fields">
    <div class="field">
      <label>Title</label>
      <input placeholder="Title" type="text" name="title">
    </div>
    <div class="field">
      <label>Artist</label>
      <input placeholder="Artist" type="text" name="artist">
    </div>
    <div class="field">
      <label>Duration</label>
      <input placeholder="Duration" type="number" name="duration">
    </div>
  </div>
  <button class="ui blue submit button">Add Song</button>
</form>
```

```
<form class="ui stacked segment form" action="/playlists/${_playlist.id}/addsong" method="POST">
  <div class="two fields">
    <div class="field">
      <label>Title</label>
      <input placeholder="Title" type="text" name="title">
    </div>
    <div class="field">
      <label>Artist</label>
      <input placeholder="Artist" type="text" name="artist">
    </div>
    <div class="field">
      <label>Duration</label>
      <input placeholder="Duration" type="number" name="duration">
    </div>
  </div>
  <button class="ui blue submit button">Add Song</button>
</form>
```

```
POST    /playlists/{id}/addsong    PlaylistCtrl.addSong
```

```
public class PlaylistCtrl extends Controller
{
    ...

    public static void addSong(Long id, String title, String artist, int duration)
    {
        Song song = new Song(title, artist, duration);
        Playlist playlist = Playlist.findById(id);
        playlist.songs.add(song);
        playlist.save();
        redirect ("/playlists/" + id);
    }
}
```

Feature : Delete Song

Beethoven Sonatas

Song	Artist	
Piano Sonata No. 3	Beethoven	Delete Song
Piano Sonata No. 7	Beethoven	Delete Song
Piano Sonata No. 10	Beethoven	Delete Song

Delete Song Button

Beethoven Sonatas

Song	Artist	
Piano Sonata No. 3	Beethoven	Delete Song
Piano Sonata No. 7	Beethoven	Delete Song
Piano Sonata No. 10	Beethoven	Delete Song

```
<td>  
  <a href="/playlists/${_playlist.id}/deletesong/${song.id}" class="ui tiny red button"> Delete Song </a>  
</td>
```

Delete Song Route

```
<td>  
  <a href= '/playlists/${_playlist.id}/deletesong/${song.id}' class="ui tiny red button"> Delete Song </a>  
</td>
```

listsongs.html

GET

```
/playlists/{id}/deletesong/{songid}
```

PlaylistCtrl.deleteSong

conf/routes

```
public static void deletesong (Long id, Long songid)  
{  
  Playlist playlist = Playlist.findById(id);  
  Song song = Song.findById(songid);  
  Logger.info ("Removing" + song.title);  
  playlist.songs.remove(song);  
  playlist.save();  
  song.delete();  
  render("playlist.html", playlist);  
}
```

PlaylistCtrl.java

Delete Song Action

	public static void deletesong (Long id, Long songid)
Find the Playlist	{
	Playlist playlist = Playlist. <i>findById</i> (id);
Find the song	Song song = Song. <i>findById</i> (songid);
Remove the song from the playlist collection	playlist. songs .remove(song);
Save the collection	playlist.save();
remove the song from the database	song.delete();
Display the revised playlist	<i>render</i> ("playlist.html", playlist);
	}

PlaylistCtrl.java