

BTown Properties Group 13

Advanced Database Concepts
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Agenda

- Introduction
- Systems Features
- Implementation
- Demo

Introduction

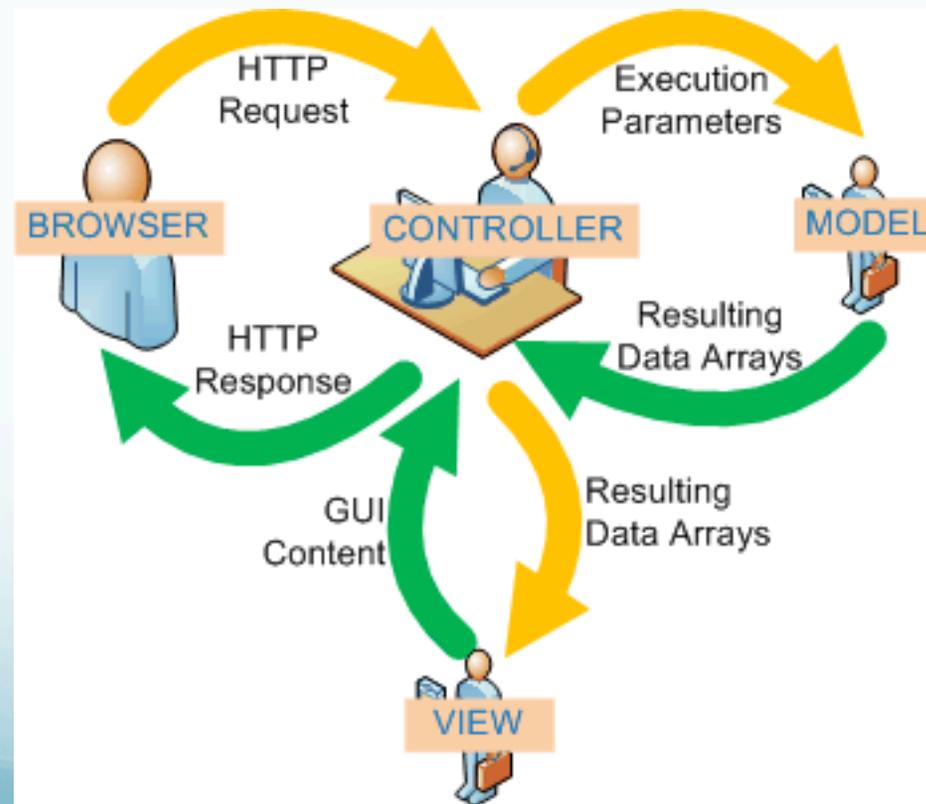
- *BTown Properties* is a web-based system where members and visitors can search the system's database for other members' properties.
- A visitor can fully search the property's database but will need to sign up for a member account to enjoy the system's other benefits like
 - Watch list: collection of properties
 - Contact Other member
 - Uploading Properties
 - Review Properties

Features

- 1. Visitor Sign-Up**
- 2. Member Login/Logout**
- 3. Add, modify and delete properties**
- 4. Property view**
- 5. Search and list properties**
- 6. Contact a member**
- 7. Watch Lists (Features and Properties)**
- 8. Review properties**

Implementation

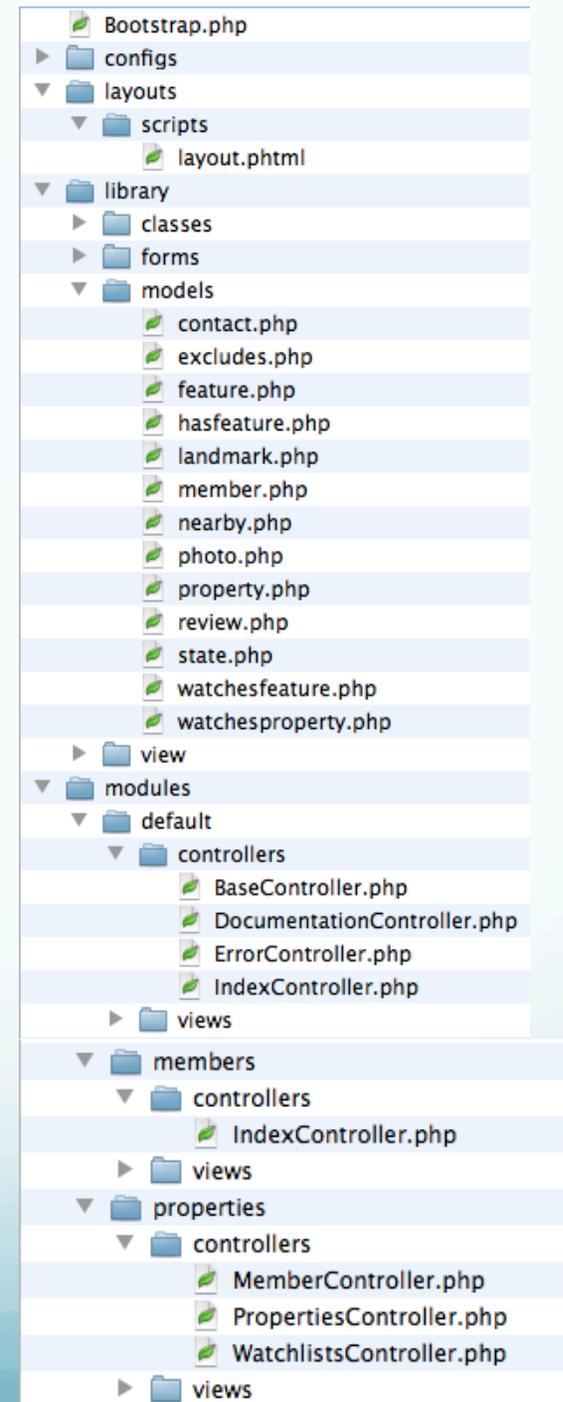
- Zend Framework (PHP Framework)
- Model-View-Controller (MVC) Design Pattern



BTown MVC Architecture

We divided *BTown Properties* into modules in order to make the application's development, test and maintenance easier.

1. admin
2. members
3. properties



Demo

BTown Properties

<http://www.cs.indiana.edu/cgi-pub/mercerjd/>

Comcast Xfinity Latest Headlines Most Visited News News Popular Popular Apple Google Maps Hotmail Wikipedia Bookmarks

btown properties

[home](#) [search apartment](#)

Not a member? [Sign-Up](#) Or [Login](#)

Welcome to BTown!
Start Browsing the properties...

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Name	Description	Address	Price	Type	Bedrooms	Bathrooms
Park Doral	Great apartment near to College Mall and the University. 2mins walk to bus stop.	2604 E, Eastgate Ln, Bloomington, Ind 47408	\$650	Rental	2	1
Nextwave	details2	505, North Walnut, Bloomington, Ind 47404	\$1,100	Rental	3	2
Fountain Park	Nice place with a fountain and ducks in the lake.	Cross Roads,, Fountain Park Apartments, Bloomington, IN 47408	\$700	Rental	2	2
Hunter Ridge	Close to College Mall and Kroger	College Mall, Hunter Ridge, Bloomington, IN 47408	\$650	Rental	2	1.5

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