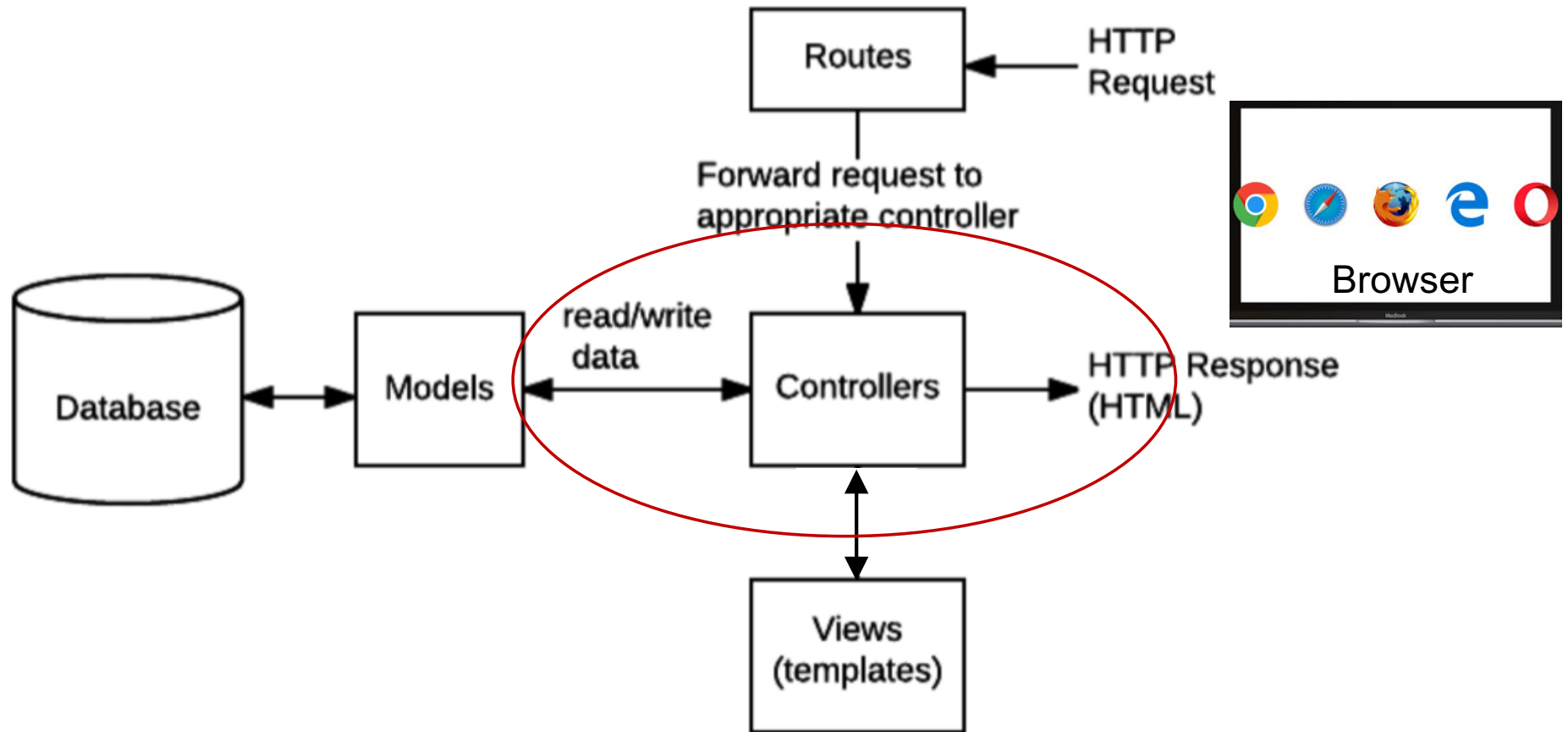# ITIS 5166
Network-Based Application Development

Controllers

Express MVC App Architecture

Controller Functions

o A controller function is a callback function in the route

```
app.get('/stories', (req, res) => {});
```

o This controller function
  ◦ gets all stories from the model
  ◦ passes all stories to the template engine to generate a html page shows all stories
  ◦ returns the generated html page to the client

Controller Module

○ A route module includes all of the callback functions from the same route module.

○ Controller function naming convention
  ◦ index: GET /stories
  ◦ new: GET /stories/new
  ◦ create: POST /stories
  ◦ show: GET /stories/:id
  ◦ edit: GET /stories/:id/edit
  ◦ update: PUT /stories/:id
  ◦ delete: DELETE /stories/:id

○ The controller module exports all of the controller functions so that they can be used in the route module

Demo: Create a Controller Module for Story