CTT528 – Web Application Development

PTUDW-20TN

KHOA CÔNG NGHỆ THÔNG TIN
TRƯỜNG ĐẠI HỌC KHOA HỌC TỰ NHIÊN

Communications

- Class Hours:
  - 9h30 Thu
- Teachers
  - Trần Thị Bích Hạnh – ttbhanh@fit.hcmus.edu.vn
  - Ngô Ngọc Đăng Khoa – nndkhoa@fit.hcmus.edu.vn
  - Trần Duy Quang – tdquang@fit.hcmus.edu.vn
- Email Subject:
  - [PTUDW-20TN] – Student/GroupID - Subject

Course Information

- Moodle
  - https://courses.fit.hcmus.edu.vn/
  - Assignments & Materials
  - Disscussion & Announcements

Full-Stack JavaScript Web Development

Front-End

- HTML5
- CSS3
- Javascript
- Bootstrap 5

Back-End

- Node.JS
- ExpressJS

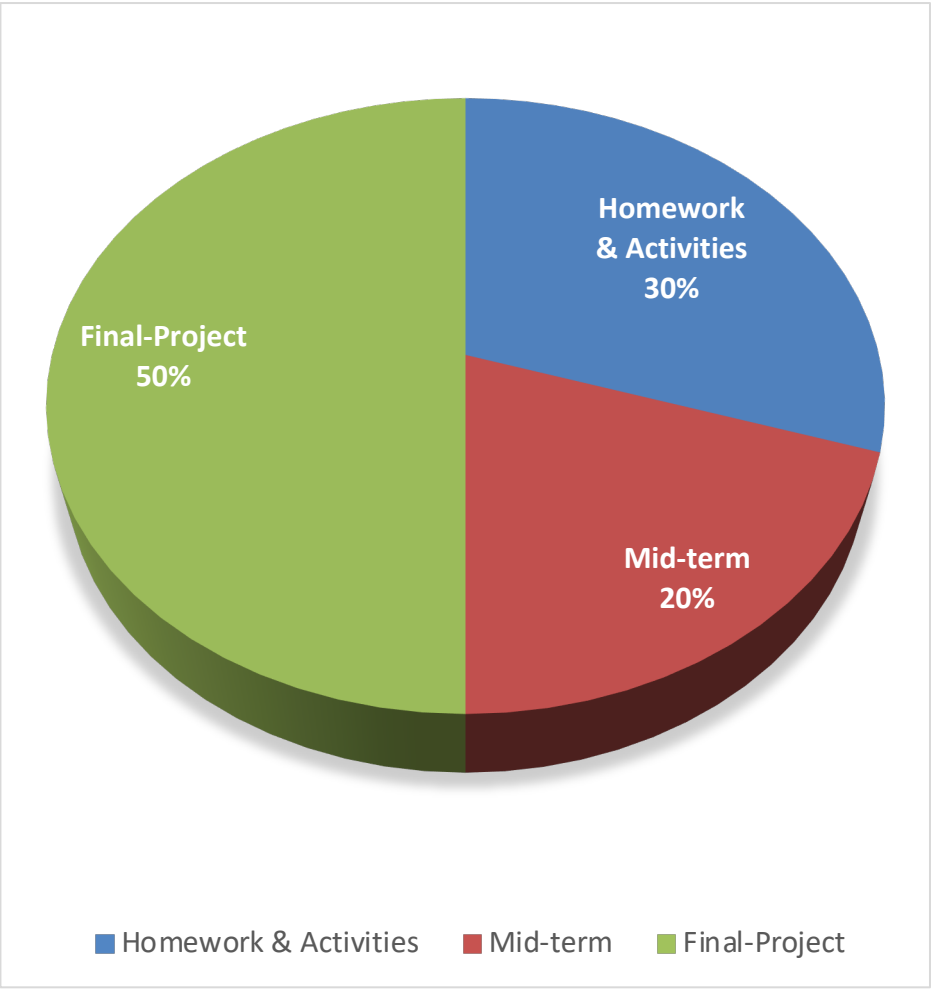
Database

- Postgres
- NoSQL/MongoDB

Who uses Node.JS?

Grading

- Activities & Homework 30%
- Mid-term 20%
- Final 50%



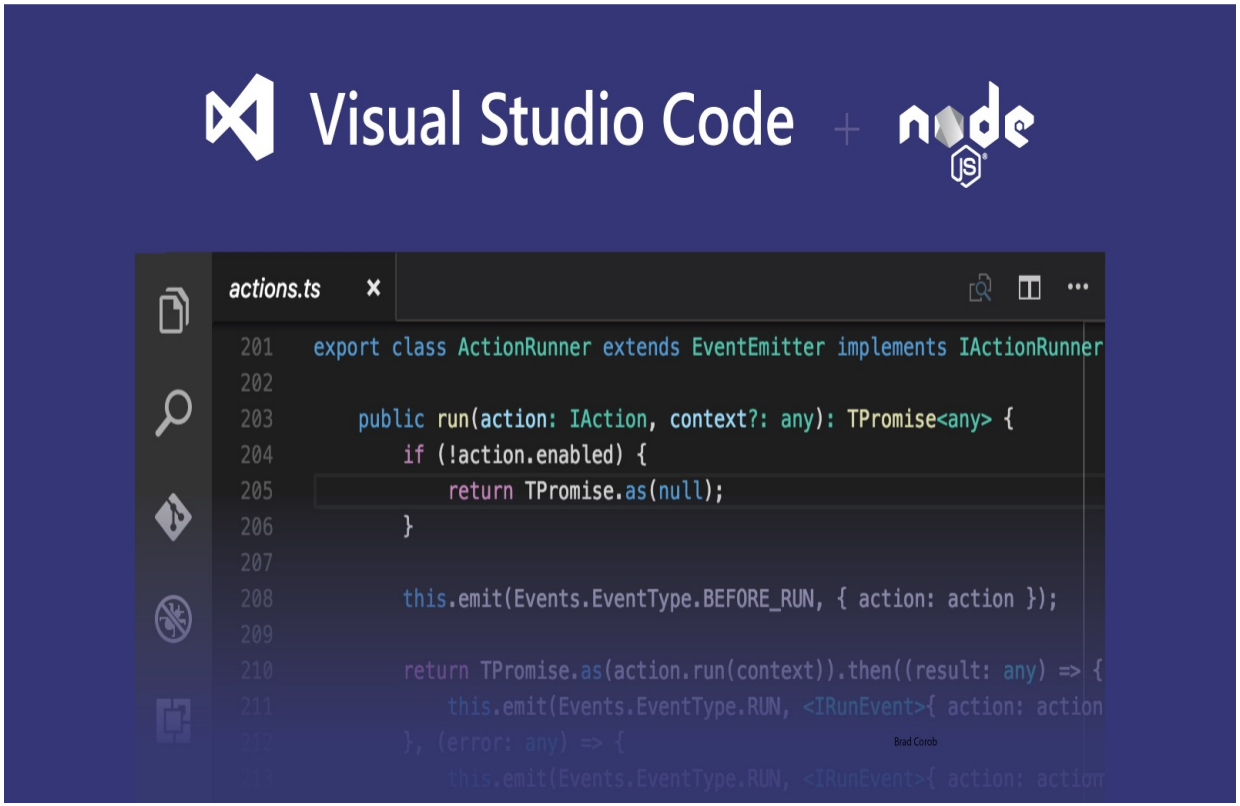
Activities & Homework – 30%

- In Class Activities
- Homework
- Labs

Project

- Mid-term (20%): Front-End (Static Web)
- Final (50%): Full-stack

Tools


Visual Studio Code
node
actions.ts
export class ActionRunner extends EventEmitter implements IActionRunner
public run(action: IAction, context?: any): TPromise<any> {
if (!action.enabled) {
return TPromise.as(null);
}
this.emit(Events.EventType.BEFORE_RUN, { action: action });
return TPromise.as(action.run(context)).then((result: any) => {
this.emit(Events.EventType.RUN, <IRunEvent>{ action: action
Brad Corob

PostgreSQL

DBeaver

Node.js

- Download
  - https://nodejs.org/en/download/
- Syntax to check node installation
  - $ node -v

Visual Studio Code

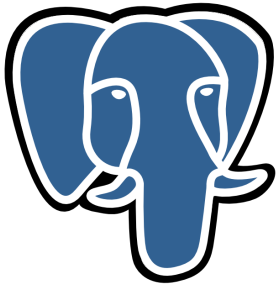
- Download
  - https://code.visualstudio.com/download

Visual Studio Code Extensions

- HTML Extensions
  - **Auto Close Tag**
  - **Auto Rename Tag**
- CSS
  - **Bootstrap 5 Quick Snippet**
  - CSS Peek
  - IntelliSense for CSS Class names
- JavaScript Extensions
  - JavaScript (ES6) code snippets
- General Extensions
  - **Live Server**
  - **Path IntelliSense**
  - View in browser
  - Color Picker

PostgreSQL & DBeaver

- Download
  - https://www.postgresql.org/download/
  - https://dbeaver.io/download/
- Note
  - Remember your Password for postgres account during setup



PostgreSQL

DBeaver

Version Control with GitHub

- Register account:
  - https://github.com
  - Email: StudentID@student.hcmus.edu.vn
- Install Git Client
  - https://git-scm.com/download

Q & A