

Projet EcoIT - ECF Juin 2022

Documentation technique

I. Spécifications techniques

Serveur :

- Heroku (stack 20)
 - Apache
 - Ubuntu 20.04
 - Version PHP 8.1
 - Extension PHP : PDO
- Add-ons : JawDB -> MariaDB 10.7

Frontend :

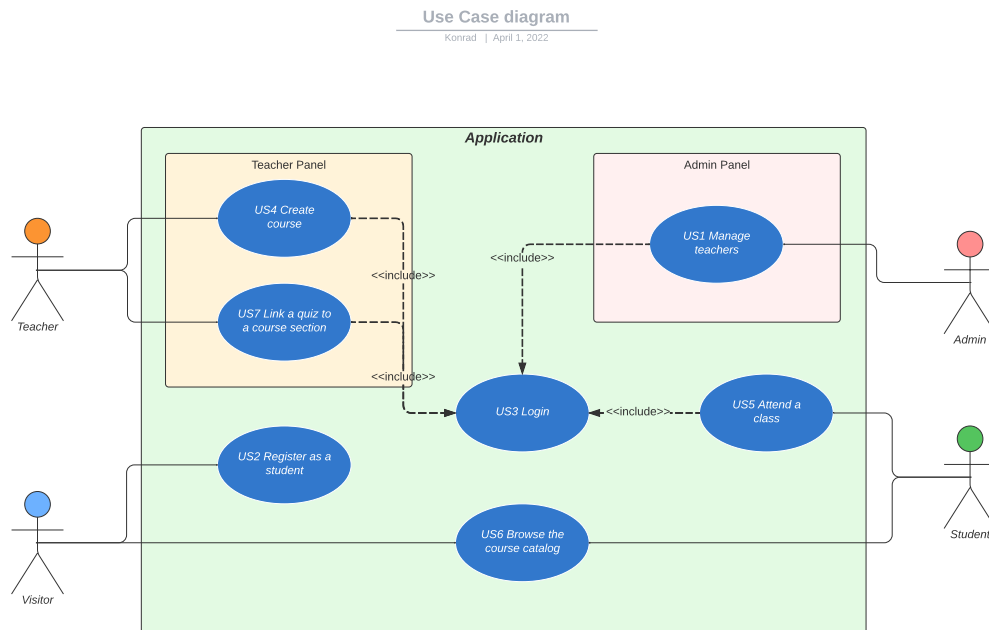
- HTML 5
- CSS 3
- Bootstrap 5
- Javascript ES6

Backend :

- PHP 8.1 sous PDO
- Symfony 5.4
- MariaDB 10.7

II. Diagrammes

A. Diagramme de cas d'utilisation

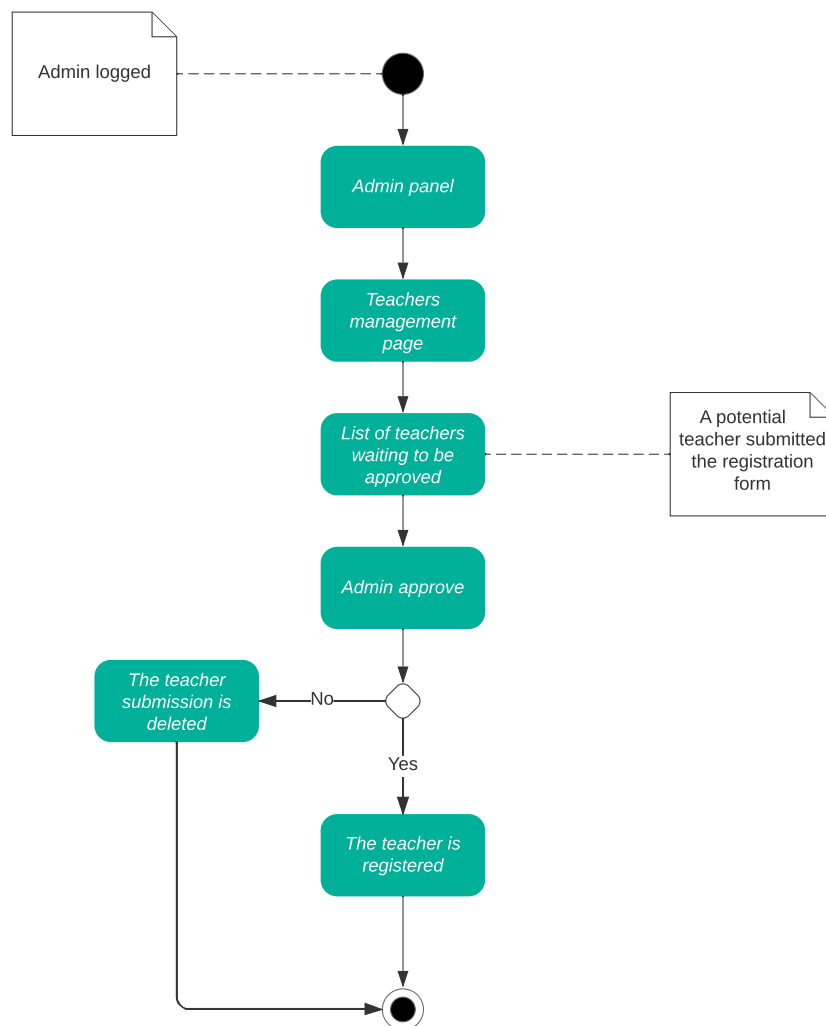


B. Diagrammes d'activité

1. US1 - Gérer les instructeurs

Activity diagram - US1 Manage teachers

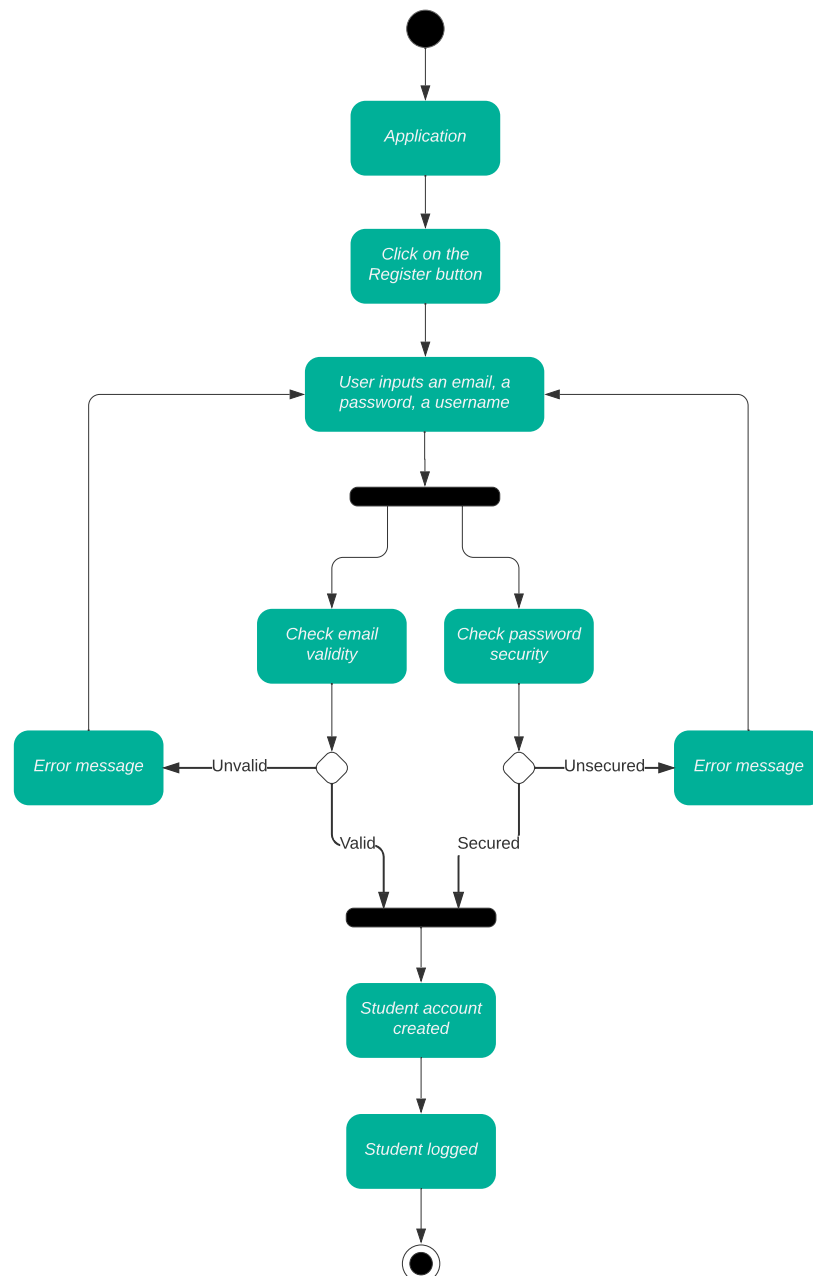
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2. US2 - Créer son compte apprenant

Activity diagram - US2 Register as a student

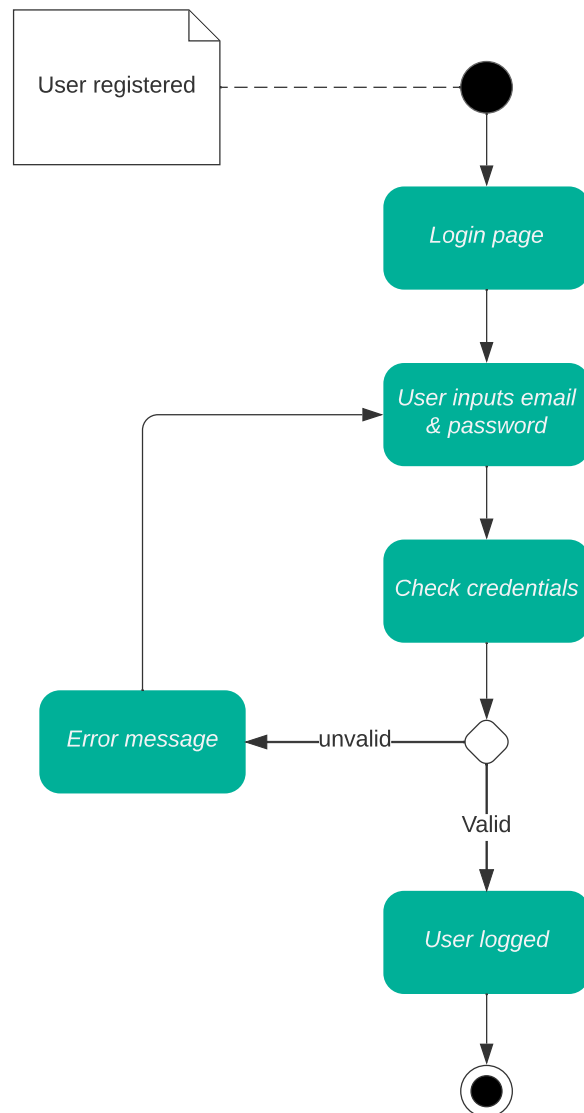
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3. US3 - Se connecter

Activity diagram - US3 Login

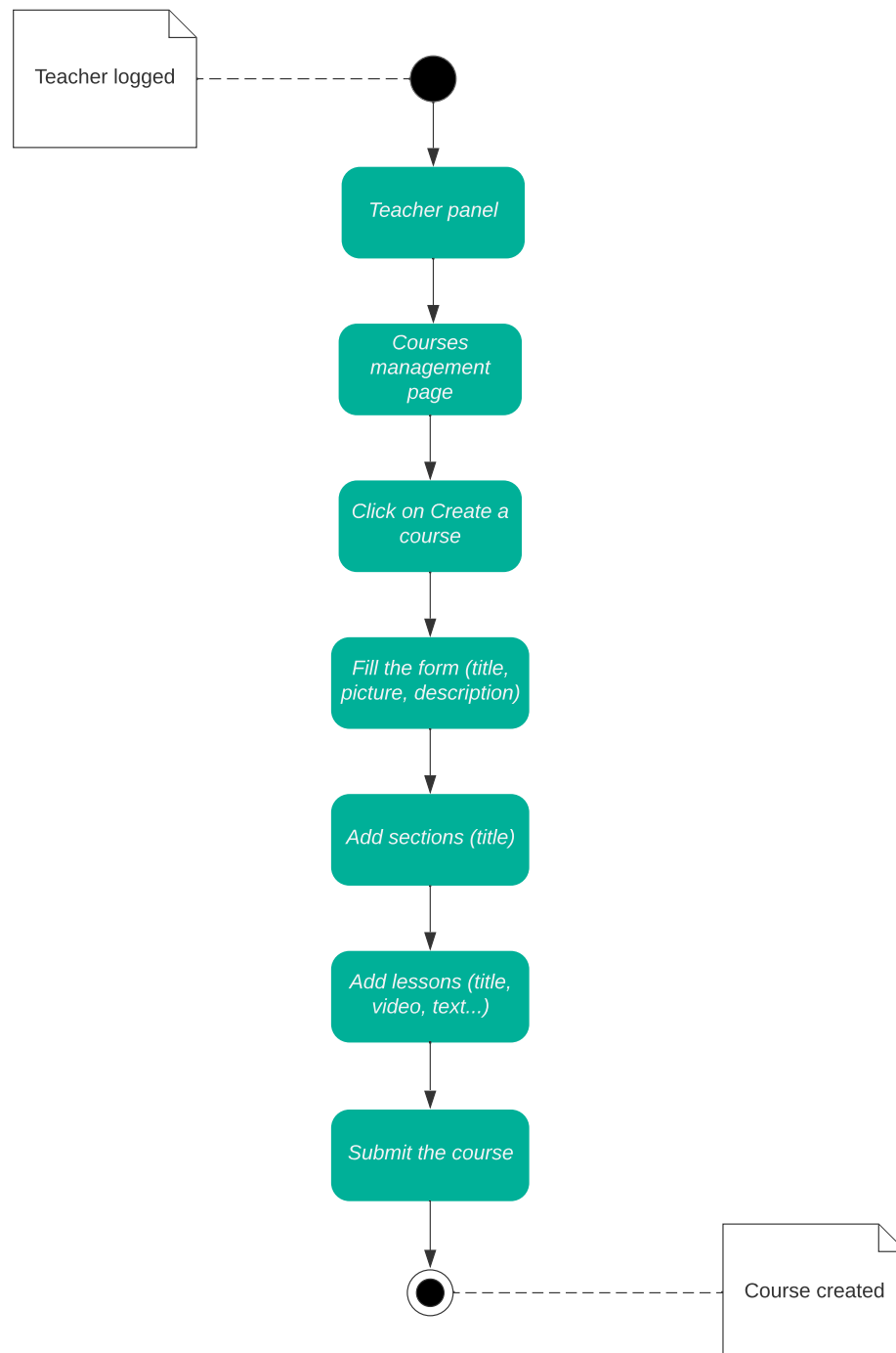
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4. US4 - Créer une formation

Activity diagram - US4 Create a course

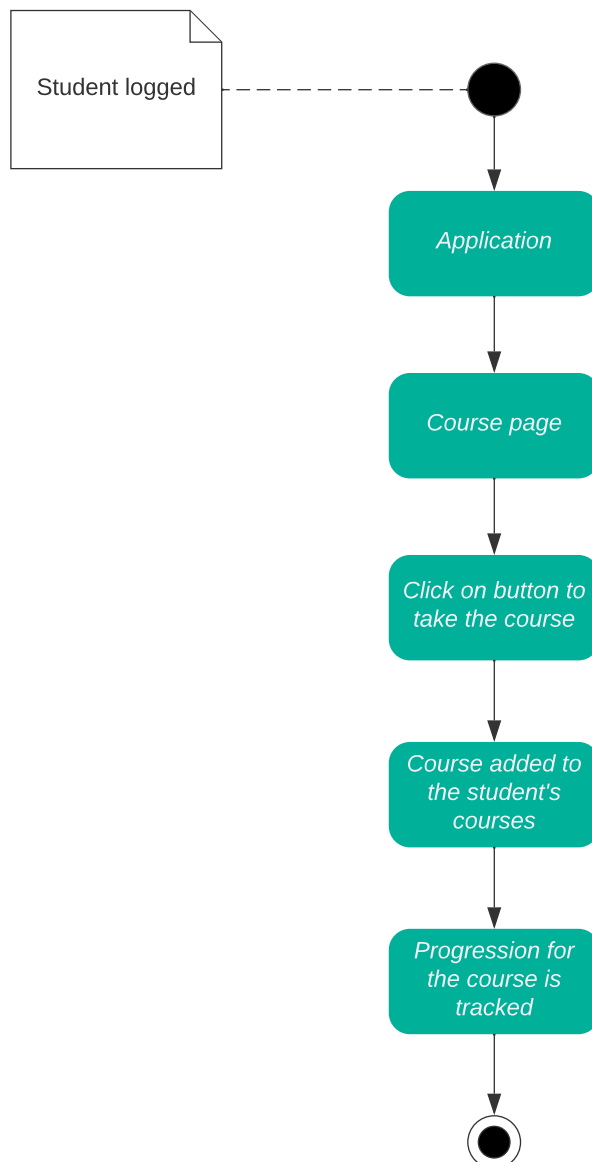
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5. US5 - Suivre une formation

Activity diagram - US5 Attend a class

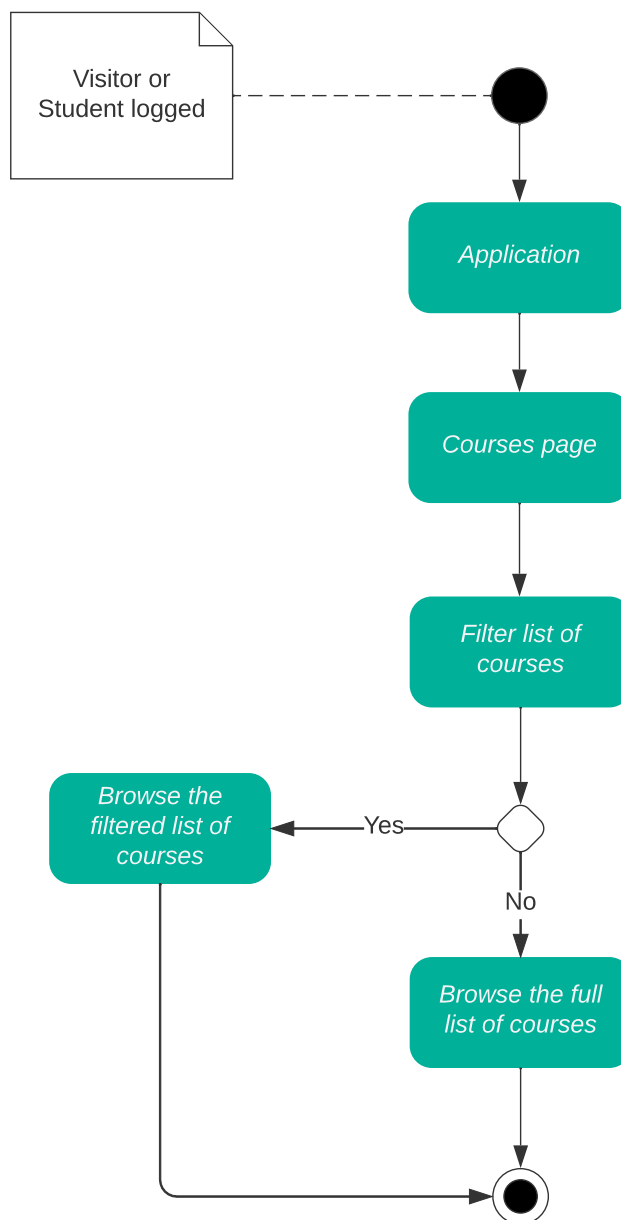
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6. US6 - Découvrir le répertoire des formations

Activity diagram - US6 Browse the course catalog

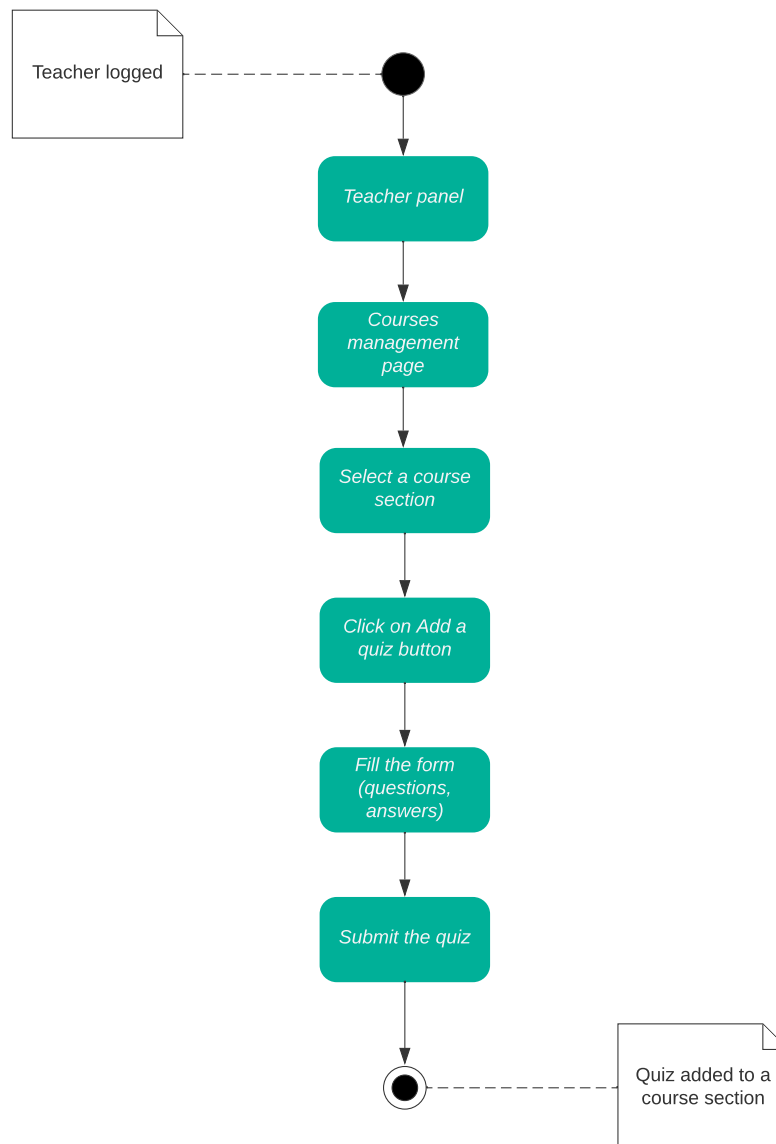
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7. US7 - Lier un quiz à une section

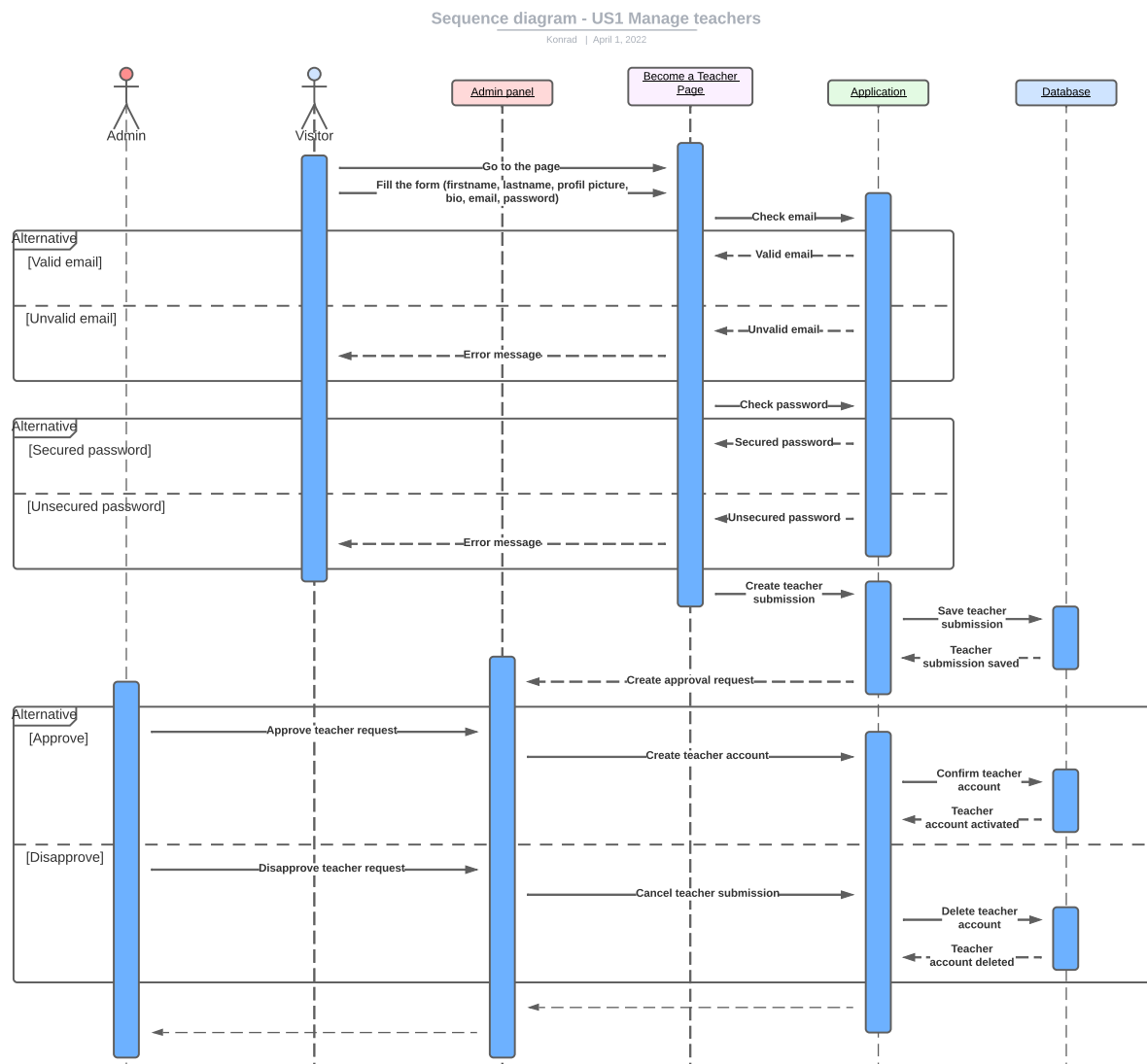
Activity diagram - US7 Link a quiz to a course section

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C. Diagrammes de séquence

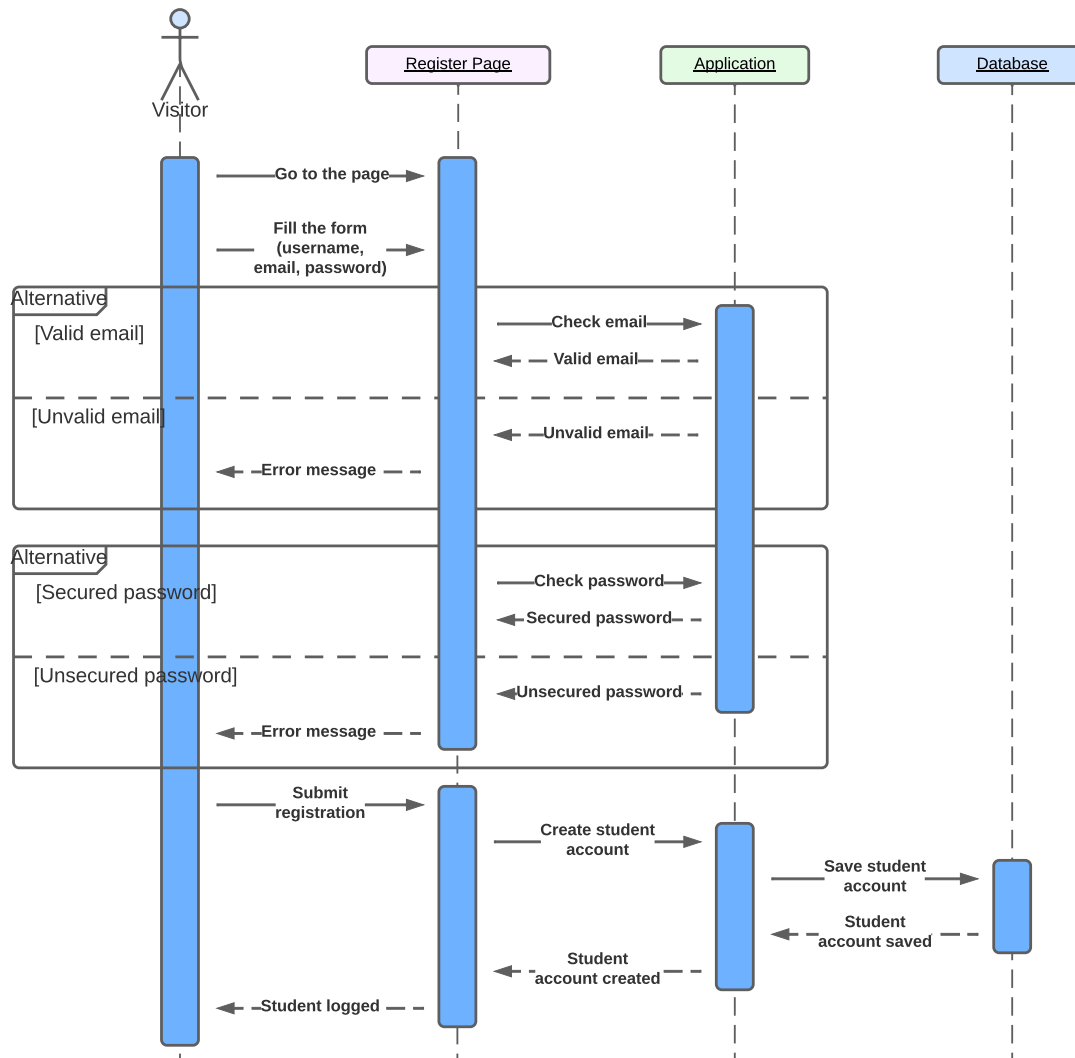
1. US1 - Gérer les instructeurs



2. US2 - Créer son compte apprenant

Sequence diagram - US2 Register as a student

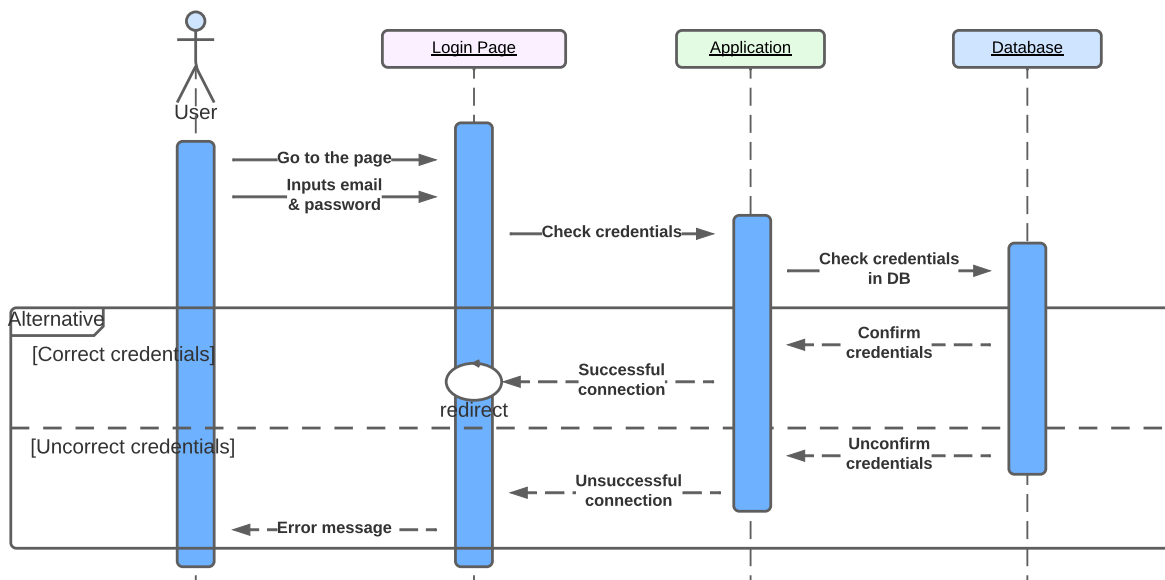
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3. US3 - Se connecter

Sequence diagram - US3 Login

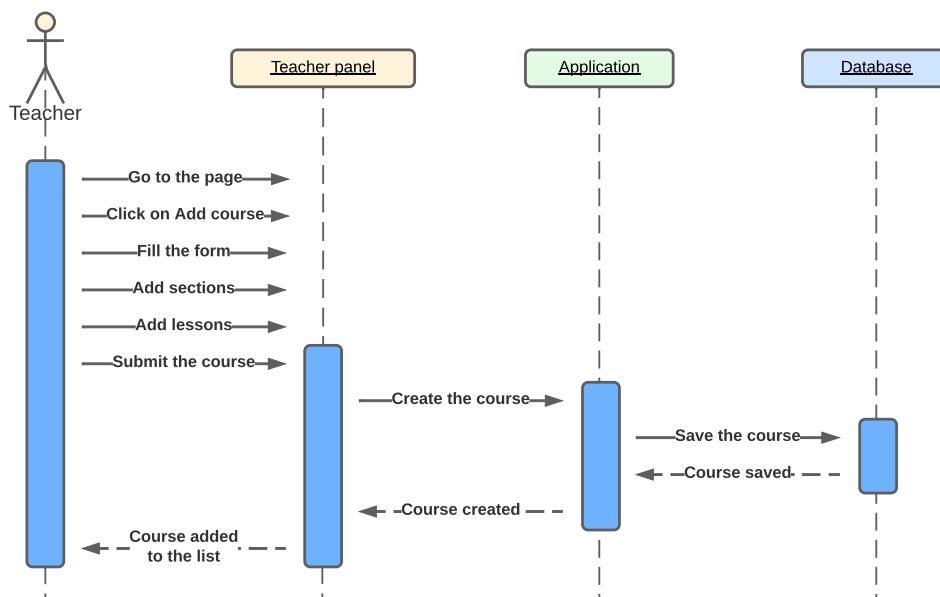
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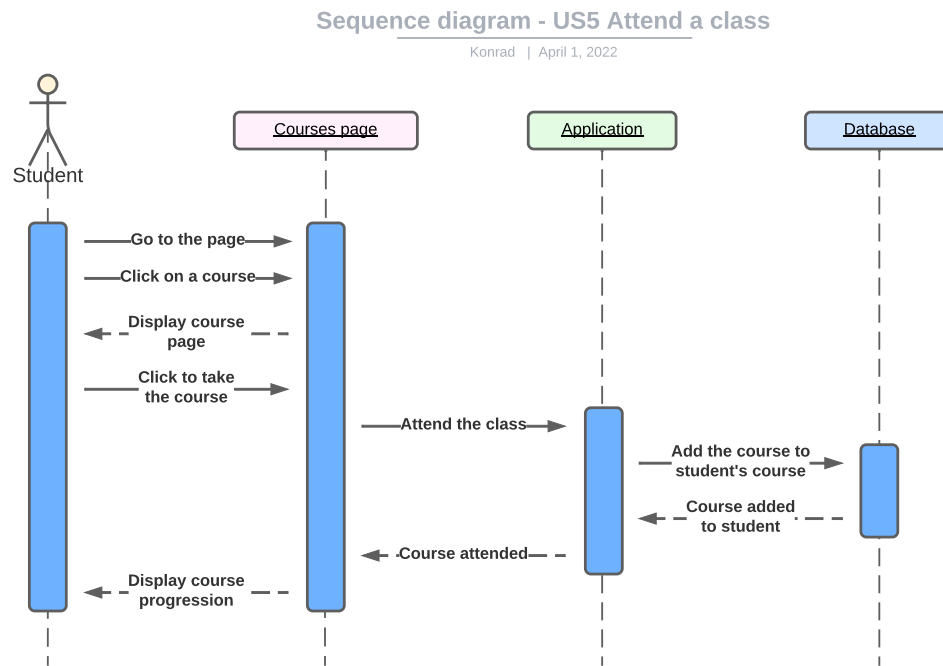
4. US4 - Créer une formation

Sequence diagram - US4 Create a course

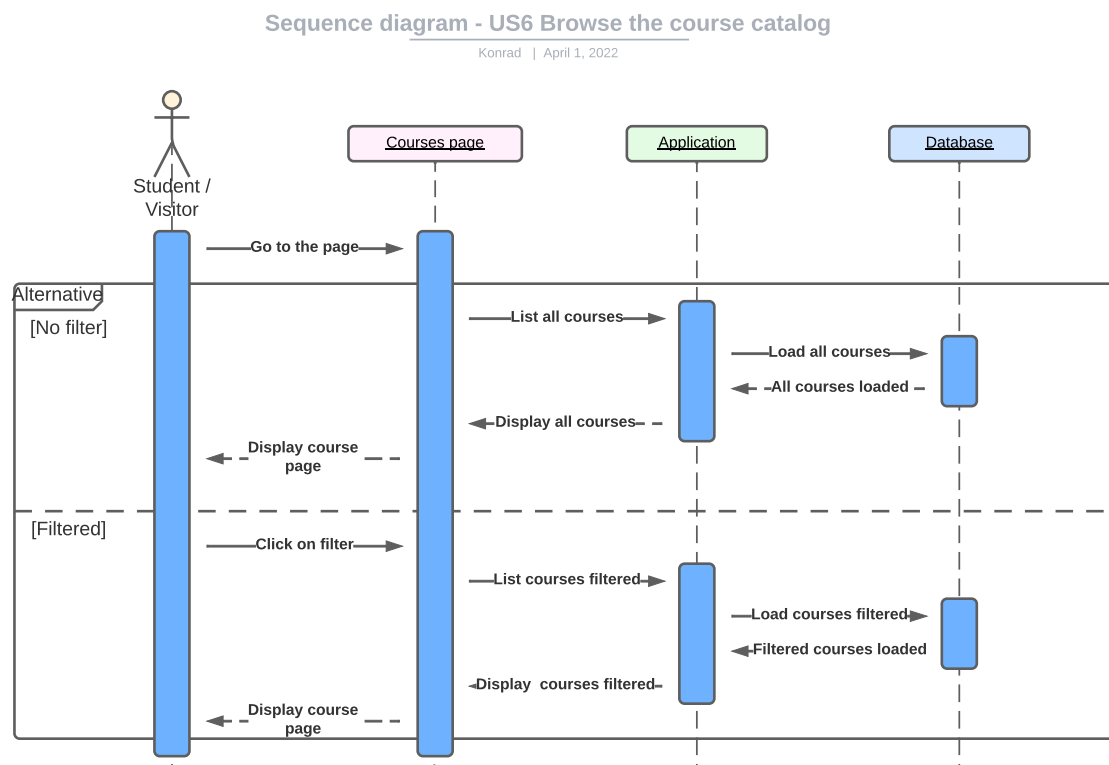
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5. US5 - Suivre une formation



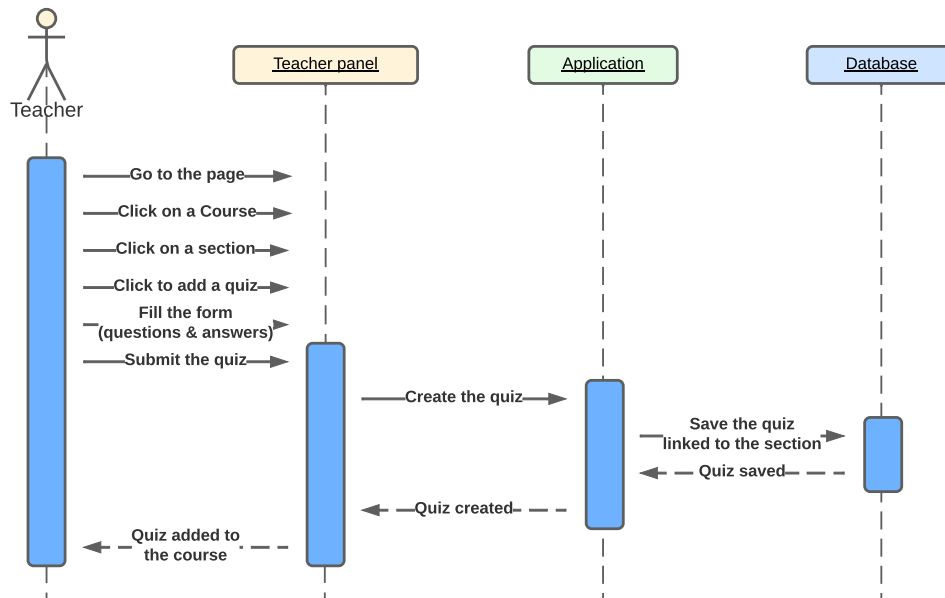
6. US6 - Découvrir le répertoire des formations



7. US7 - Lier un quiz à une section

Sequence diagram - US7 Link a quiz to a course section

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D. Diagramme de classe

