



MDD

Projet 6 : Monde du développeur full stack

CHRISTOPHE PIERRÈS,
LE 26 MAI 2025, DURÉE : 15MN

JORDI CHARPENTIER

INTRODUCTION

- Avant propos
- Questions :
 - Explication des choix
 - Démo fonctionnelle de l'application
 - Points clés du code dont l'intégration front / back

PROCESS GITFLOW

```
D:\IJDEV\opencr\p6-fullstack-mdd git:[master]
git flow init
```

Which branch should be used for bringing forth production releases?

- master

Branch name for production releases: [master]

Branch name for "next release" development: [develop]

How to name your supporting branch prefixes?

Feature branches? [feature/]

Bugfix branches? [bugfix/]

Release branches? [release/] Hotfix branches? [hotfix/]

Support branches? [support/]

Version tag prefix? []

Hooks and filters directory? [D:\IJDEV\opencr\p6-fullstack-mdd/.git/hooks]

```
D:\IJDEV\opencr\p6-mdd git:[develop]
git flow feature start register
```

Switched to a new branch 'feature/register'

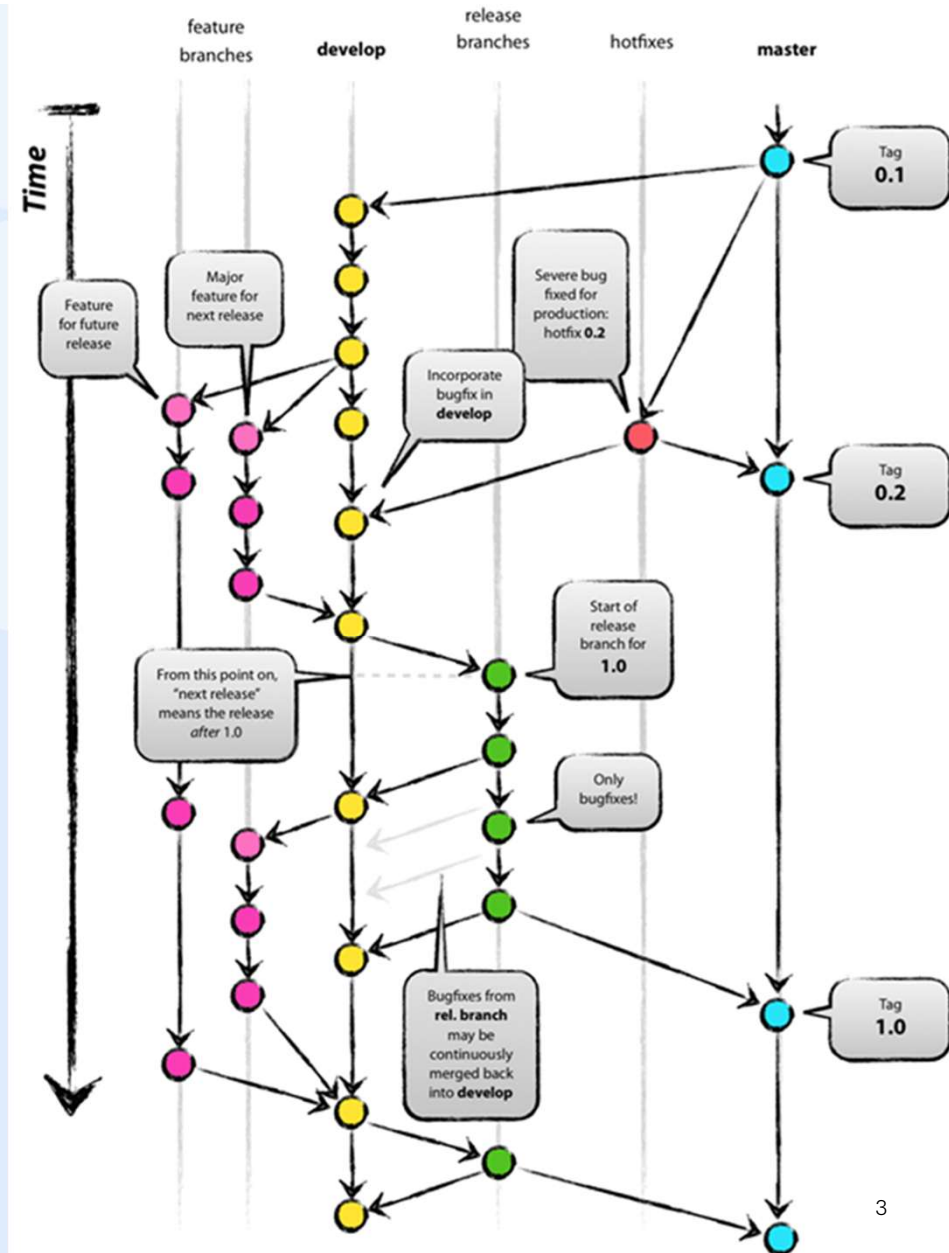
Summary of actions:

- A new branch 'feature/register' was created, based on 'develop'
- You are now on branch 'feature/register'

Now, start committing on your feature. When done, use:

```
git flow feature finish register
```

```
D:\IJDEV\opencr\p6-mdd git:[feature/register]
|
```



- Back : endpoint /api/auth/register ok ; environnement (sécurité, db, exception) Reactive feature/register cpmnipc Today 16:59
- Config : docker-compose.yml ; base Postgresql 17 R2DBC ; flyway (utilise jdbc) ; Initialisation de la DB et ajout de la table users cpmnipc Today 08:49
- Initialisation module back SpringBoot 3.4.4 origin & develop cpmnipc 01/04/2025 17:55
- Initialisation module front Angular 19.2.5
- Initialisation projet vierge

```
D:\JDEV\opencr\p6mdd\git\MERGE_MSG - Notepad++
Fichier  Édition  Recherche  Affichage  Encodage  Langage  Paramètres  Outils  Macro  Exécution  Mode
1 Merge branch 'feature/register' into develop
2 # Please enter a commit message to explain why this merge is necessary,
3 # especially if it merges an updated upstream into a topic branch.
4 #
5 # Lines starting with '#' will be ignored, and an empty message aborts
6 # the commit.
```

```
D:\JDEV\opencr\p6mdd git:[feature/register]
git flow feature finish --showcommands --fetch --push --keepremote
git fetch -q origin develop
git checkout develop
Switched to branch 'develop'
Your branch is up to date with 'origin/develop'.
git merge --no-ff feature/register
Merge made by the 'ort' strategy.
 .env | 3 +
 .idea/misc.xml | 10 +-
 .idea/modules.xml | 1 -
 docker-compose.yml | 20 ++++
 modules/back/compose.yaml | 9 --
 modules/back/pom.xml | 100 ++++++++
 .../main/java/com/mdd/back/BackApplication.java | 6 +-
 .../java/com/mdd/back/config/JwtProperties.java | 15 +++
 .../main/java/com/mdd/back/config/R2dbcConfig.java | 10 ++
 .../java/com/mdd/back/config/SecurityConfig.java | 90 ++++++++
 .../com/mdd/back/controller/AuthController.java | 64 ++++++++
 .../java/com/mdd/back/entities/BaseEntity.java | 22 +++++
 .../src/main/java/com/mdd/back/entities/User.java | 24 +++++
 .../mdd/back/exception/GlobalExceptionHandler.java | 43 ++++++
 .../exception/ResourceAlreadyExistException.java | 7 ++
 .../main/java/com/mdd/back/mappers/UserMapper.java | 24 +++++
 .../main/java/com/mdd/back/models/AuthSuccess.java | 18 +++
 .../java/com/mdd/back/models/MessageResponse.java | 12 ++
 .../java/com/mdd/back/models/RegisterRequest.java | 27 ++++++
 .../src/main/java/com/mdd/back/models/UserDto.java | 37 ++++++
 .../mdd/back/models/ValidationErrorResponse.java | 22 +++++
 .../com/mdd/back/repositories/UserRepository.java | 18 +++
 .../java/com/mdd/back/services/AuthService.java | 46 ++++++++
 .../java/com/mdd/back/services/JwtService.java | 59 ++++++++
 .../com/mdd/back/utis/SecretKeyGenerator.java | 18 +++
 .../back/src/main/resources/application.properties | 1 -
 modules/back/src/main/resources/application.yml | 35 ++++++
 .../resources/db/migration/V000/V000.001__init.sql | 1 +
 .../db/migration/V000/V000.002__init_schemas.sql | 2 +
 .../migration/V000/V000.003__add_users_table.sql | 9 ++
 30 files changed, 727 insertions(+), 26 deletions(-)
 create mode 100644 .env
 create mode 100644 docker-compose.yml
 delete mode 100644 modules/back/compose.yaml
 create mode 100644 modules/back/src/main/java/com/mdd/back/config/JwtProperties.java
 create mode 100644 modules/back/src/main/java/com/mdd/back/config/R2dbcConfig.java
 create mode 100644 modules/back/src/main/java/com/mdd/back/config/SecurityConfig.java
 create mode 100644 modules/back/src/main/java/com/mdd/back/controller/AuthController.java
```

```
create mode 100644 modules/back/src/main/java/com/mdd/back/entities/BaseEntity.java
create mode 100644 modules/back/src/main/java/com/mdd/back/entities/User.java
create mode 100644 modules/back/src/main/java/com/mdd/back/exception/GlobalExceptionHandler.java
create mode 100644 modules/back/src/main/java/com/mdd/back/exception/ResourceAlreadyExistException.java
create mode 100644 modules/back/src/main/java/com/mdd/back/mappers/UserMapper.java
create mode 100644 modules/back/src/main/java/com/mdd/back/models/AuthSuccess.java
create mode 100644 modules/back/src/main/java/com/mdd/back/models/MessageResponse.java
create mode 100644 modules/back/src/main/java/com/mdd/back/models/RegisterRequest.java
create mode 100644 modules/back/src/main/java/com/mdd/back/models/UserDto.java
create mode 100644 modules/back/src/main/java/com/mdd/back/models/ValidationErrorResponse.java
create mode 100644 modules/back/src/main/java/com/mdd/back/repositories/UserRepository.java
create mode 100644 modules/back/src/main/java/com/mdd/back/services/AuthService.java
create mode 100644 modules/back/src/main/java/com/mdd/back/services/JwtService.java
create mode 100644 modules/back/src/main/java/com/mdd/back/utis/SecretKeyGenerator.java
delete mode 100644 modules/back/src/main/resources/application.properties
create mode 100644 modules/back/src/main/resources/application.yml
create mode 100644 modules/back/src/main/resources/db/migration/V000/V000.001__init.sql
create mode 100644 modules/back/src/main/resources/db/migration/V000/V000.002__init_schemas.sql
create mode 100644 modules/back/src/main/resources/db/migration/V000/V000.003__add_users_table.sql
git push origin develop
Enumerating objects: 87, done.
Counting objects: 100% (87/87), done.
Delta compression using up to 16 threads
Compressing objects: 100% (55/55), done.
Writing objects: 100% (72/72), 14.43 KiB | 1.44 MiB/s, done.
Total 72 (delta 10), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (10/10), completed with 4 local objects.
To https://github.com/cpierre/p6mdd
 2f09bdb..b14115c develop -> develop
git branch -d feature/register
Deleted branch feature/register (was bbf568f).

Summary of actions:
- The feature branch 'feature/register' was merged into 'develop'
- Feature branch 'feature/register' has been locally deleted
- You are now on branch 'develop'

D:\JDEV\opencr\p6mdd git:[develop]
```


●	Merge branch 'feature/register' into develop	origin & develop	cpminipc	13 minutes ago
●	Back : endpoint /api/auth/register ok ; environnement (sécurité, db, exception) Reactive		cpminipc	Today 16:59
●	Config : docker-compose.yml ; base Postgresql 17 R2DBC ; flyway (utilise jdbc) ; Initialisation de la DB et ajout de la table user		cpminipc	Today 08:49
●	Initialisation module back SpringBoot 3.4.4		cpminipc	01/04/2025 17:55
●	Initialisation module front Angular 19.2.5		cpminipc	01/04/2025 17:34
●	Initialisation projet vierge	origin & master	cpminipc	01/04/2025 17:22

Back : endpoint /api/auth/login - fix doc openapi et flyway (schema)	feature/login-back	cpminipc	8 minutes ago
Back : LoginRequest - validations (contrainte mot de passe)		cpminipc	Today 21:25
Merge branch 'feature/register' into develop	origin & develop	cpminipc	Today 20:52
Back : endpoint /api/auth/register ok ; environnement (sécurité, db, exception) Reactive		cpminipc	Today 16:59
Config : docker-compose.yml ; base Postgresql 17 R2DBC ; flyway (utilise jdbc) ; Initialisation de la DB et ajout de la table user		cpminipc	Today 08:49
Initialisation module back SpringBoot 3.4.4		cpminipc	01/04/2025 17:55
		cpminipc	01/04/2025 17:34
	origin & master	cpminipc	01/04/2025 17:22

```
D:\IJDEV\opencr\pomdd git:[feature/login-back]
git flow feature publish --showcommands login-back
git fetch -q origin
git push -u origin feature/login-back:feature/login-back
Enumerating objects: 59, done.
Counting objects: 100% (59/59), done.
Delta compression using up to 16 threads
Compressing objects: 100% (27/27), done.
Writing objects: 100% (36/36), 4.63 KiB | 1.16 MiB/s, done.
Total 36 (delta 14), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (14/14), completed with 9 local objects.
remote:
remote: Create a pull request for 'feature/login-back' on GitHub by visiting:
remote:   https://github.com/cpierre/pomdd/pull/new/feature/login-back
remote:
To https://github.com/cpierre/pomdd
 * [new branch]      feature/login-back -> feature/login-back
branch 'feature/login-back' set up to track 'origin/feature/login-back'.
git fetch -q origin feature/login-back
git checkout feature/login-back
Already on 'feature/login-back'
Your branch is up to date with 'origin/feature/login-back'.

Summary of actions:
- The remote branch 'feature/login-back' was created or updated
- The local branch 'feature/login-back' was configured to track the remote branch
- You are now on branch 'feature/login-back'
```

```
D:\IJDEV\opencr\pomdd git:[feature/login-back]
```



Text or hash



Cc

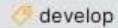
Branch: develop x User v Date v Paths v ↕



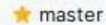
HEAD (Current Branch)



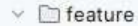
Local



develop

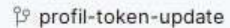


master



feature

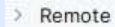
feat-refacto-erreurs



profil-token-update



refactoring-auth-user



Remote

Merge branch 'feature/feat-post-comment-sse' into develop	origin & develop: cpminipc	A minute ago
feat-post-comment-sse : diagramme de séquences	cpminipc	8 minutes ago
feat-post-comment-sse : frontend - mise en place SSE	cpminipc	Today 08:58
feat-post-comment-sse : backend - mise en place SSE	cpminipc	Yesterday 2:
Merge branch 'feature/feat-username' into develop	cpminipc	Yesterday 2:
feat-username : couleur username black	cpminipc	Yesterday 2:
feat-username : afficher le username pour faciliter la démo SSE - clic	cpminipc	Yesterday 2:
feat-username : afficher le username pour faciliter la démo SSE	cpminipc	Yesterday 2:
Merge branch 'feature/feat-post-list-sse' into develop	cpminipc	Yesterday 2:
feat-post-list-sse : refactorisation TopicsStats SSE (renommage Interface)	cpminipc	Yesterday 2:
feat-post-list-sse : front - autoriser SSE pour éviter 401	cpminipc	Yesterday 2:
feat-post-list-sse : front - souscrire au SSE pour rafraichir la page post-list-page	cpminipc	Yesterday 1:
feat-post-list-sse : backend - Mise en place d'un SSE lors de la création d'un Post	cpminipc	Yesterday 1:
feat-post-list-page-sortDateAsc : ajout d'un tri sur date descendant (ordre de création) pour page post-list-page	cpminipc	Yesterday 1:
fix : amélioration présentation post-list-page (lorsque 2 colonnes)	cpminipc	Yesterday 1:
fix : ne pas générer image docker du back pour profil dev (conditionner pour prodlocal et prodnas uniquement) + nettoyages	cpminipc	Yesterday 1:
Merge branch 'feature/feat-deploy-compose' into develop	cpminipc	Yesterday 0:
feat-deploy-compose : supprimer les infos sensibles des docker-compose ; proposer fichier .env.example (note les fichiers .env spécifiques ne doivent pas être	cpminipc	Yesterday 0:
feat-deploy-compose : ménage dans configurations prodnas et prodlocal	cpminipc	11/05/2025 2
feat-deploy-compose : résolution bug environnement prod + autorisation (note: prodnas a moins d'intérêt car plus besoin d'ip spécifique grâce à adressage inter	cpminipc	11/05/2025 1
feat-deploy-compose : résolution bug environnement prodlocal	cpminipc	09/05/2025
feat-deploy-compose : structuration des env dev, prodlocal, prodnas	cpminipc	08/05/2025
feat-deploy-compose : retirer .env du versionning et ajouter un fichier .env.example avec des valeurs fictives	cpminipc	08/05/2025
feat-deploy-compose : configurations pour MEP	cpminipc	07/05/2025 :
feat-refacto-erreurs : frontend - impacts ApiResponse - suppression anciennes structures redondantes (ValidationErrorResponse et ErrorDetails refondues vers Res	cpminipc	06/05/2025
feat-refacto-erreurs : frontend - impacts ApiResponse - suppression anciennes structures redondantes (ValidationErrorResponse et ErrorDet ../feat-refacto-erreu...	cpminipc	06/05/2025
feat-refacto-erreurs : backend - Encapsulation ApiResponse, mise à jour doc openapi	cpminipc	06/05/2025
DemoDataInitializer : ajout de 2 utilisateurs (en respectant cryptage des password)	cpminipc	05/05/2025
DemoDataInitializer : ajout de 2 utilisateurs (en respectant cryptage des password)	cpminipc	05/05/2025
post-list : amélioration présentation pour écran mobile (marge droite trop grande)	cpminipc	04/05/2025

Back : endpoint /api/auth/login - fix doc openapi et flyway (schema)	origin & feature/login-back	cpminipc	13 minutes ago
Back : LoginRequest - validations (contrainte mot de passe)		cpminipc	Today 21:25
Merge branch 'feature/register' into develop	origin & develop	cpminipc	Today 20:52
Back : endpoint /api/auth/register ok ; environnement (sécurité, db, exception) Reactive		cpminipc	Today 16:59
Config : docker-compose.yml ; base Postgresql 17 R2DBC ; flyway (utilise jdbc) ; Initialisation de la DB et ajout de la table user		cpminipc	Today 08:49
Initialisation module back SpringBoot 3.4.4		cpminipc	01/04/2025 17:55
Initialisation module front Angular 19.2.5		cpminipc	01/04/2025 17:34
Initialisation projet vierge	origin & master	cpminipc	01/04/2025 17:22

```
D:\IJDEV\opencr\pomdd git:[feature/login-back]
git flow feature finish --showcommands --fetch --push --keepremote login-back
git fetch -q origin feature/login-back
git fetch -q origin develop
git checkout develop
Switched to branch 'develop'
Your branch is up to date with 'origin/develop'.
git merge --no-ff feature/login-back
Merge made by the 'ort' strategy.
.../com/mdd/back/controller/AuthController.java | 79 ++++++-----
.../src/main/java/com/mdd/back/entities/User.java | 2 +-
.../java/com/mdd/back/models/LoginRequest.java | 28 ++++++
.../java/com/mdd/back/models/RegisterRequest.java | 5 ++
.../java/com/mdd/back/services/AuthService.java | 28 ++++++
modules/back/src/main/resources/application.yml | 4 +-
.../db/migration/V000/V000.002__init_schemas.sql | 2 +-
7 files changed, 117 insertions(+), 31 deletions(-)
create mode 100644 modules/back/src/main/java/com/mdd/back/models/LoginRequest.java
git push origin develop
Enumerating objects: 1, done.
Counting objects: 100% (1/1), done.
Writing objects: 100% (1/1), 242 bytes | 242.00 KiB/s, done.
Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/cpierrez/pomdd
 b14115c..f641981 develop -> develop
git branch -d feature/login-back
Deleted branch feature/login-back (was dd84677).

Summary of actions:
- The feature branch 'feature/login-back' was merged into 'develop'
- Feature branch 'feature/login-back' has been locally deleted; it is still remotely available on 'origin'
- You are now on branch 'develop'

D:\IJDEV\opencr\pomdd git:[develop]
```


DÉMARCHE

- Premier choix d'étude d'architecture pour une cible :
 - Réactif de bout en bout
 - Spring WebFlux + R2DBC (PostgreSQL) + flux SSE temps réel côté frontend
 - Mise en place d'une architecture microservice simple
 - Microservice pour l'authentification (avec client OAuth2 pour auth via Google)
 - Microservice pour mdd-social
 - Microservice pour Gateway
- Révision des ambitions par rapport au temps et au risque
 - Démarrage sur Monolithe mdd-social avec Spring WebFlux + R2DBC
 - Lorsque le cœur de métier sera fait, refonte sur la partie authentification

TECHNOS

New Module

Spring Boot: 3.4.4

Dependencies:

Search

☐ Spring Data JDBC

☒ Spring Data R2DBC

☐ MyBatis Framework

☒ Liquibase Migration

☐ Flyway Migration

☐ JOOQ Access Layer

☐ IBM DB2 Driver

☐ Apache Derby Database

☐ H2 Database

☐ HyperSQL Database

☐ MariaDB Driver

☐ MS SQL Server Driver

☐ MySQL Driver

☐ Oracle Driver

☒ PostgreSQL Driver

> NoSQL

> Messaging

> I/O

Spring Data R2DBC

Provides Reactive Relational Database Connectivity to persist data in SQL stores using Spring Data in reactive applications.

[Guide](#) [Web site](#)

Added dependencies:

Spring Boot DevTools

Lombok

Spring Configuration Processor

Docker Compose Support

Spring Reactive Web

Spring Security

Spring Data R2DBC

PostgreSQL Driver

Liquibase Migration

?

Previous

Create

Cancel

AUTOMATISATION COMPLETE

- Spring gère automatiquement le docker-compose
 - Démarrage lors de l'exécution du back
 - Arrêt lors de l'arrêt du back
- Gestion automatique du schéma via flyway
- Insertion automatique idempotent des données exemples pour « topics » (après la création du schéma)

CHOIX SUR GENERATION DU SCHÉMA

- Préférence pour les scripts plutôt que la génération automatique via JPA (maîtrise des index par exemple)

SCÉNARIO DÉMO

- Validité du mot de passe lors register et login

SOLID – PARTIE BACK

- SRP:
 - Duplication de RegisterRequest vers UpdateUserRequest
 - Objectif/finalité n'est pas la même (reponsabilité, évolutivité)
 - Les mappers mapStruct concentre toute la logique du mapping :
 - Exemple intéressant :
 - `UserMapper.updateAuthenticatedUserFromRequest`

ERREUR D'INTEGRATION (CORS)

The screenshot displays a web browser window with the address bar showing `localhost:4200/auth/register`. The browser's developer tools are open, showing the Console tab. On the left, a registration form titled "Inscription" is visible, with fields for "Email*" (containing `user5@test.com`), "Nom d'utilisateur*" (containing `user5`), and "Mot de passe*" (masked with dots). A purple "S'inscrire" button is at the bottom of the form.

The Console shows a list of messages on the left, including "20 messages", "11 user messages", "7 errors", "No warnings", "10 info", and "3 verbose". The main console area displays the following messages:

- `RegisterComponent constructor` (register.component.ts:23)
- `[Intervention] Slow network is detected. See https://www.chromestatus.com/feature/5636954674692096 for more details. Fallback font will be used while loading: https://fonts.gstatic.com/s/materialicons/v143/flUhRq6tzZclQEJ-Vdg-IuiaDsNcIhQ8tQ.woff2` (dom_renderer-B-200wSx.mjs:605)
- `[DOM] Input elements should have autocomplete attributes (suggested: "current-password"): (More info: register:1 https://goo.gl/9p2vKq)`
- `<input_ngcontent-ng-c712049559 matinput formcontrolname="password" type="password" class="mat-mdc-input-element mat-mdc-form-field-input-control mdc-text-field__input cdk-text-field-autofill-monitored ng-dirty ng-valid ng-touched" ng-reflect-name="password" ng-reflect-type="password" id="mat-input-2" required aria-required="true" aria-invalid="false">`
- `Formulaire soumis avec les données : ▶ Object` (register.component.ts:34)
- `Formulaire soumis avec les données : ▶ SubmitEvent` (register.component.ts:34)
- `✖ Access to XMLHttpRequest at 'http://localhost:8080/api/auth/register' from origin 'http://localhost:4200' has been blocked by CORS policy: Response to preflight request doesn't pass access control check: No 'Access-Control-Allow-Origin' header is present on the requested resource.` (register:1)
- `✖ Erreur lors de l'inscription : ▶ HttpResponse` (auth.service.ts:30)
- `(anonymous) @ auth.service.ts:30`

ERREUR D'INTEGRATION (TRAITEMENT CORS)

- Au départ, traitement côté backend (dans SecurityConfig)
 - Fonctionnait mais désactivation
- Sur conseil de mon mentor :
 - Traitement côté frontend (via proxy) pour le développement
 - En production, ce sera traité selon différents procédés :
 - soit côté du proxy, soit via le réseau docker
 - Exposer son backend en créant une ouverture vers le frontend peut amener potentiellement à une faille de sécurité

ERREUR D'INTEGRATION

- 41 messages
- 3 user messages
- 39 errors
- No warnings
- 2 info
- No verbose

Formulaire soumis avec les données :

```
SubmitEvent {isTrusted: true, submitter:  
  ▶ button.mdc-button--raised.mat-mdc-raised-button.mat-primary.mat-mdc-button-base.cdk-focus..., type: 'submit', target:  
    form.ng-dirty.ng-touched.ng-valid.ng-submitted, currentTarget: app-user-form, ...}
```

✖ POST <http://localhost:8080/api/auth/register> 400 (Bad Request) [register.component.ts:64](#)

handleFormSubmit @ [register.component.ts:64](#)

RegisterComponent_Template_app_user_form_submit_0_listener @ [register.component.ts:3](#)

Zone - HTML_Element.addEventListener:submit

RegisterComponent_Template @ [register.component.ts:3](#)

(anonymous) @ [register.component.ts:17](#)

Promise.then

RegisterComponent_HmrLoad @ [register.component.ts:17](#)

(anonymous) @ [register.component.ts:17](#)

(anonymous) @ [client:129](#)

notifyListeners @ [client:129](#)

notifyListeners @ [client:966](#)

handleMessage @ [client:909](#)

onMessage @ [client:299](#)

(anonymous) @ [client:429](#)

[Show ignore-listed frames](#)

✖ Erreur lors de l'inscription : [auth.service.ts:30](#)

⚡ **HttpResponse** {headers: _HttpHeaders, status: 400, statusText: 'Bad Request', url: 'http://localhost:8080/api/auth/register', ok: false, ...}

▶ **error**: {timestamp: '2025-04-09T10:13:03.038+00:00', path: '/api/auth/register', status: 400, error: 'Bad Request', requestId: '4b6d23ce'}

▶ **headers**: _HttpHeaders {headers: undefined, normalizedNames: Map(0), lazyUpdate: null, lazyInit: f}

▶ **message**: "Http failure response for http://localhost:8080/api/auth/register: 400 Bad Request"

▶ **name**: "HttpResponse"

▶ **ok**: false

▶ **status**: 400

▶ **statusText**: "Bad Request"

▶ **type**: undefined

▶ **url**: "http://localhost:8080/api/auth/register"

▶ **[[Prototype]]**: HttpResponseBase

ERREUR D'INTEGRATION

✖ ▼ POST <http://localhost:8080/api/auth/register> 400 (Bad Request) register.component.ts:64

handleFormSubmit @ [register.component.ts:64](#)

RegisterComponent_Template_app_user_form_submit_0_listener @ [register.component.ts:3](#)

Zone - HTML<div>.addEventListener:submit

RegisterComponent_Template @ [register.component.ts:3](#)

(anonymous) @ [register.component.ts:17](#)

Promise.then

RegisterComponent_HmrLoad @ [register.component.ts:17](#)

(anonymous) @ [register.component.ts:17](#)

(anonymous) @ [client:129](#)

notifyListeners @ [client:129](#)

notifyListeners @ [client:966](#)

handleMessage @ [client:909](#)

onMessage @ [client:299](#)

(anonymous) @ [client:429](#)

[Show ignore-listed frames](#)

✖ ▶ Erreur lors de l'inscription : auth.service.ts:30

▼ `HttpResponse {headers: _HttpHeaders, status: 400, statusText: 'Bad Request', url: 'http://localhost:8080/api/auth/register', ok: false, ...}`

 ▼ error:

 error: "Bad Request"

 ▶ errors: (3) [{...}, {...}, {...}]

 message: "Validation failed for argument at index 0 in method: public reactor.core.publisher.Mono<org.springframework.http.ResponseEntity<com.mdd.back.models.AuthSuccess>> com.mdd.back.controller.AuthController.registerUser(com.mdd.back.models.AuthRequest) com.mdd.back.controller.AuthController.registerUser(com.mdd.back.models.AuthRequest)"

 path: "/api/auth/register"

 requestId: "4b6d23ce-4"

 status: 400

 timestamp: "2025-04-09T10:13:03.038+00:00"

 trace: "org.springframework.web.bind.support.WebExchangeBindException: Validation failed for argument at index 0 in method: public reactor.core.publisher.Mono<org.springframework.http.ResponseEntity<com.mdd.back.models.AuthSuccess>> com.mdd.back.controller.AuthController.registerUser(com.mdd.back.models.AuthRequest) com.mdd.back.controller.AuthController.registerUser(com.mdd.back.models.AuthRequest)"

 ▶ [[Prototype]]: Object

 ▼ headers: _HttpHeaders

 headers: undefined

 ▶ lazyInit: () => {...}

 lazyUpdate: null

 ▶ normalizedNames: Map(0) {size: 0}

 ▶ [[Prototype]]: Object

 message: "Http failure response for http://localhost:8080/api/auth/register: 400 Bad Request"

 name: "HttpResponse"

 ok: false

 status: 400

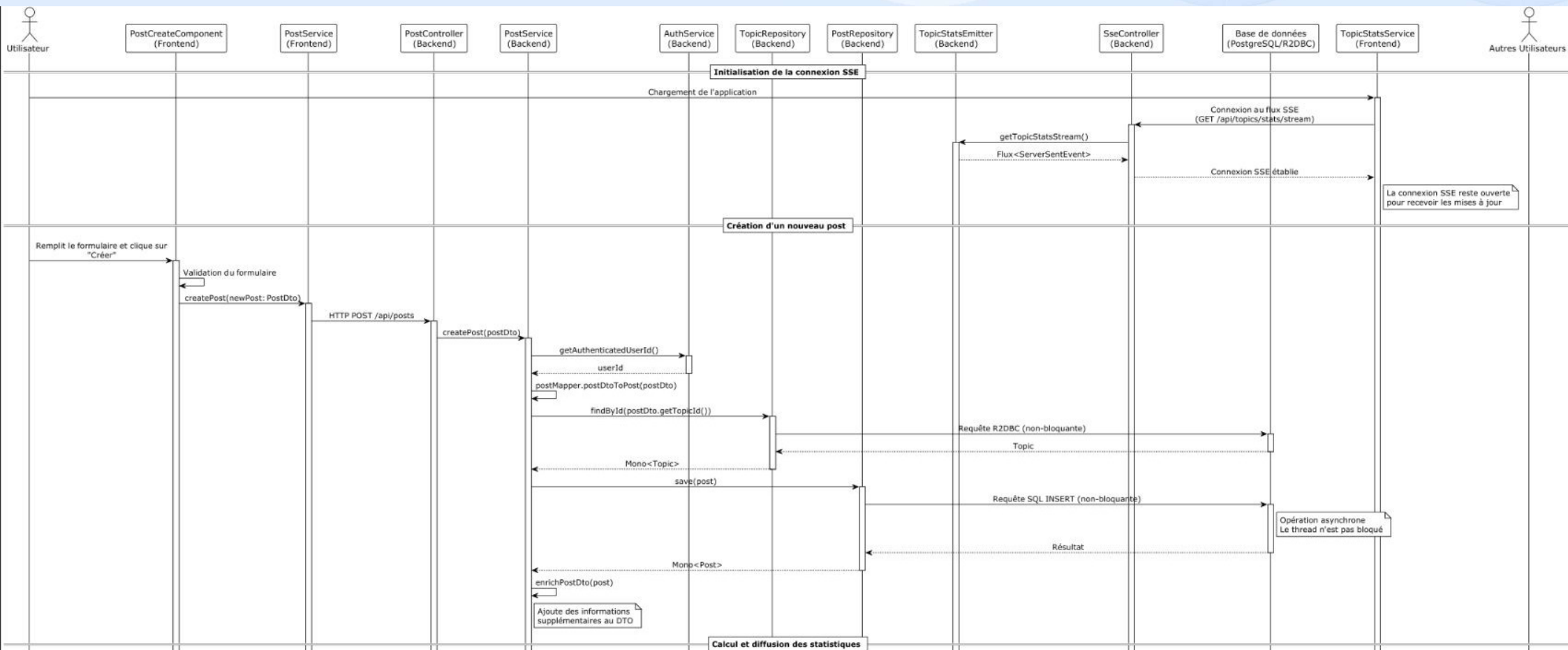
 statusText: "Bad Request"

 type: undefined

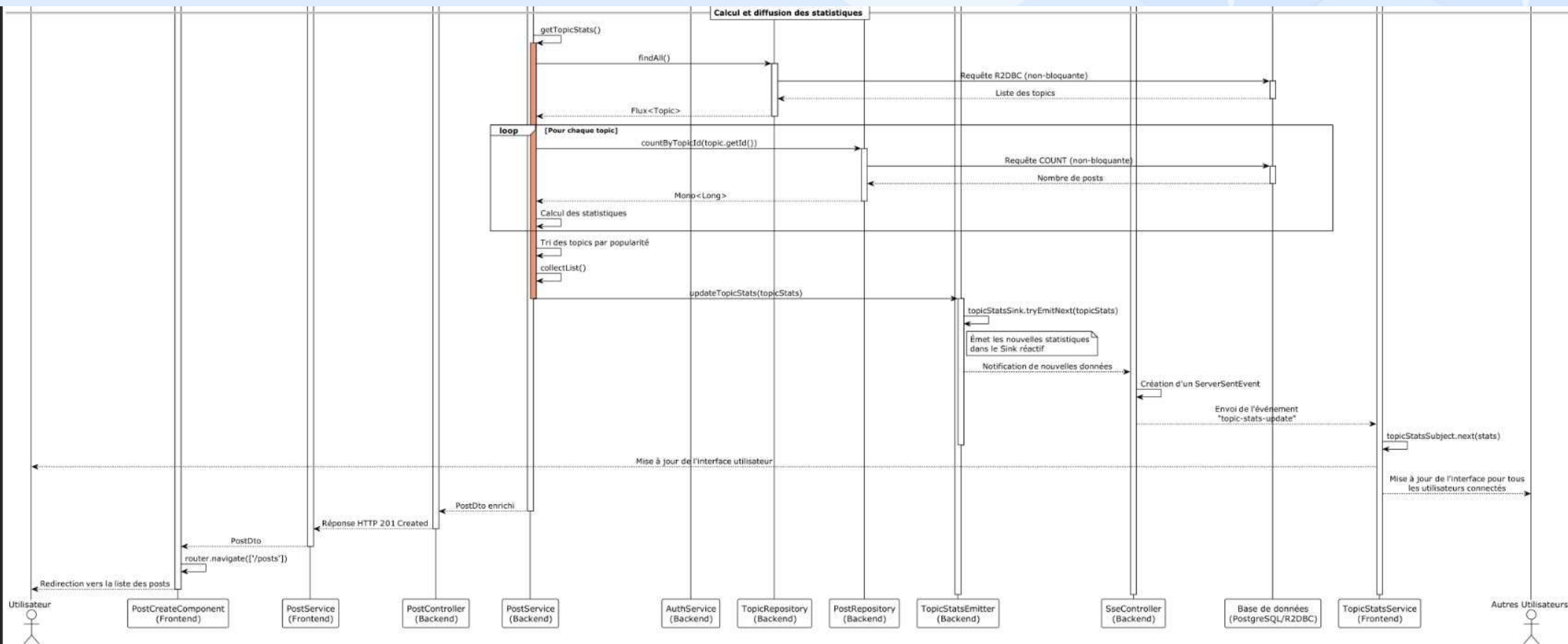
 url: "http://localhost:8080/api/auth/register"

 ▶ [[Prototype]]: `HttpResponseBody`

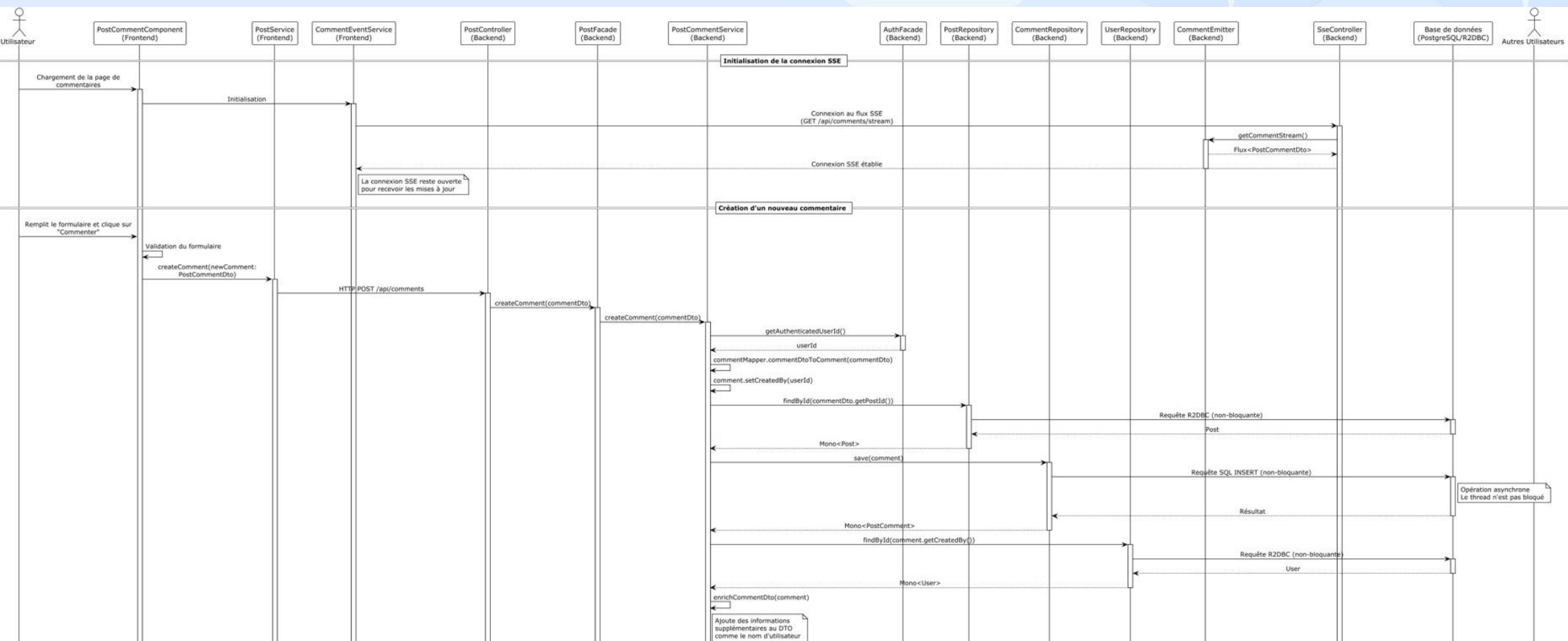
CRÉATION D'UN POST ET MISE À JOUR DES STATISTIQUES EN TEMPS RÉEL (1)



CRÉATION D'UN POST ET MISE À JOUR DES STATISTIQUES EN TEMPS RÉEL (2)



CRÉATION D'UN COMMENTAIRE ET MISE À JOUR EN TEMPS RÉEL



CRÉATION D'UN COMMENTAIRE ET MISE À JOUR EN TEMPS RÉEL (SUITE)

