

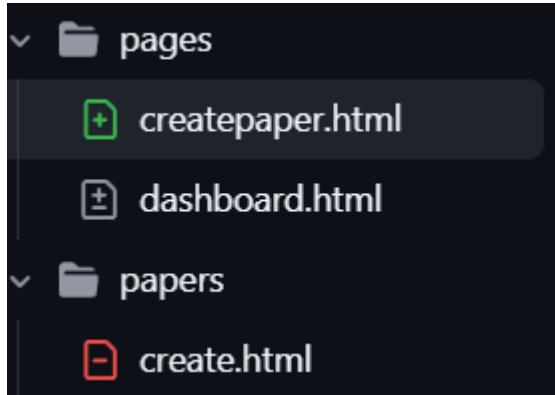
# Week 3 Report

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## 1. Commits on Dec 26, 2025

### - Kity:

- Moving createpaper page from "papers" folder to "pages" folder



- Restructuring so that all pages are created inside pages folder only.
- Changing and polish the UI of the website inside "fragments" folder
- Before:



## Submit New Paper

Paper Title \*

Minimum 5, maximum 255 characters.

Abstract \*

Enter a comprehensive abstract of your paper (50-5000 characters)

Minimum 50, maximum 5000 characters.

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 Choose File No file chosen

Accepted format: PDF only

Maximum file size: 10MB

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Total Papers 0

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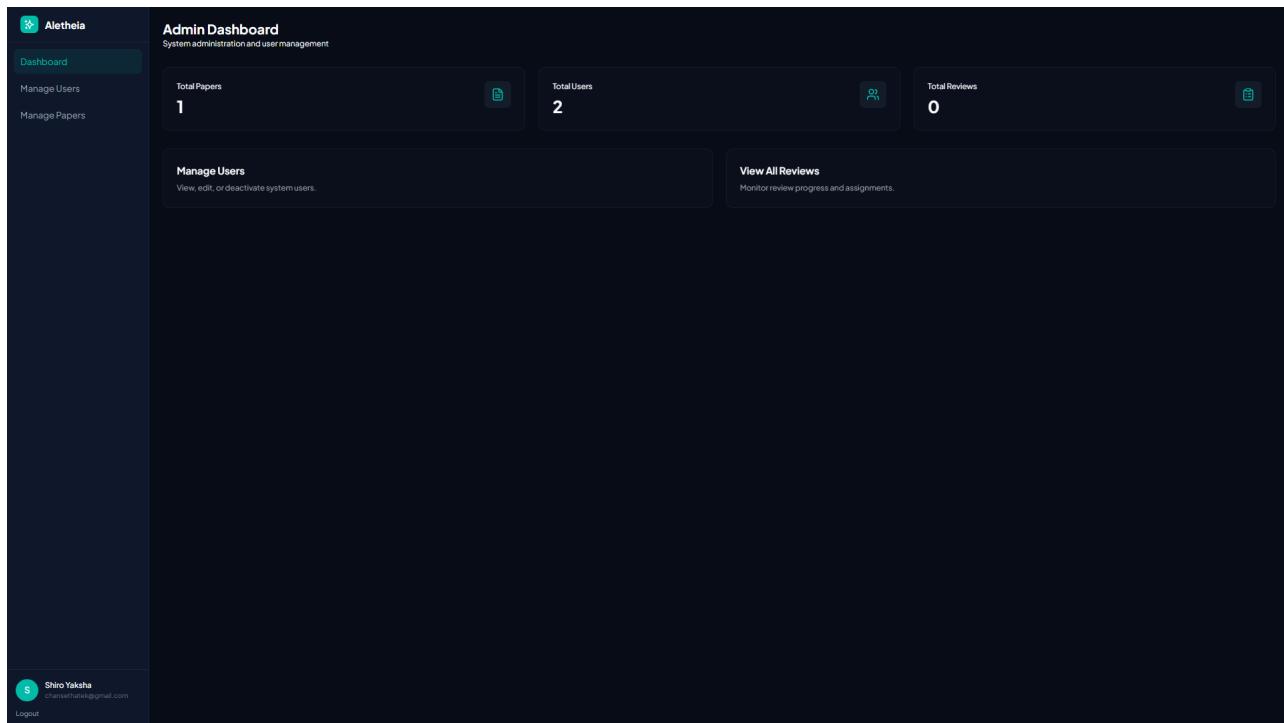
Accepted 0

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## 2. Commits on Dec 27, 2025

### - Setha:

- Approved merging request from Kity.

### - Pheaktra:

- improve manage cookie(clear cookie), check login
- before this change the /login page always rendered the login view.
- After the change the controller first looks for a "jwt" cookie, tries to validate the JWT, and if the token is valid it redirects the user to /dashboard instead of rendering the login page. If there's no cookie or the token is invalid, it falls through and renders the login page as before.
- What changed in login/cookie handling:
  - Previously:** /login always showed the login page.
  - Now:** /login will automatically redirect logged-in users (as determined by a valid JWT cookie) to /dashboard. The presence of a valid cookie means the controller treats the user as authenticated for the purpose of redirecting away from the login page.
  - The JWT is read from a cookie named "jwt" rather than (for example) a header.

## 3. Commits on Dec 28, 2025

### - Setha:

- Approved mergin request from Pheaktra

## 4. Commits on Dec 29, 2025

### - Kity:

- Commenting a code block in SecurityConfig.java where **it redirects to /login if the user is not authenticated** to check for bug and then uncomment it.
- Fixed PaperController.java

- Where the error was:**

- In PaperController.createPaper() — the code previously did:
      - UserEntity author = new UserEntity();
      - author.setEmail(userDetails.getUsername());
    - That created a new transient UserEntity (not the DB-managed user), which can cause persistence/lookup problems when passing the author to the service.

- How it was fixed:**

- Added a UserRepository field and constructor parameter to the controller.
    - Replaced the transient creation with a DB lookup:
 

```
String email = userDetails.getUsername();
UserEntity author =
userRepository.findByEmail(email).orElseThrow(() -> new
RuntimeException(...));
```
    - This ensures the controller passes the actual, managed UserEntity from the database to paperService.

- Other related fixes in the commit:**

- Added a null-check redirect when userDetails == null (require login).
    - Made file MIME-type check null-safe and used bindingResult.reject(...) (global error) because 'file' is not in the DTO.
    - Enforced file size limit and adjusted error view names (papers/create -> pages/createrpaper).
    - Added e.printStackTrace() for debugging in the catch block.
  - These changes correct the root cause (using a non-managed UserEntity) and improve validation/error handling.
  - Creating new page for review list.

- **Setha:**

- Accepted Merge Pull Request from Kity with above commit.

- **New Kity Commit:**

- Currently known **bug** is that Researcher cannot go into submit page to submit their paper with the new UI yet.
- Altering table papers in database to add new attributes

```
ALTER TABLE papers ADD COLUMN status VARCHAR(20) DEFAULT 'PENDING';
```

```
ALTER TABLE papers ADD COLUMN research_area VARCHAR(100) DEFAULT 'GENERAL';
```

```
ALTER TABLE papers ADD COLUMN keywords VARCHAR(255) DEFAULT 'NONE';
```

- Deleting footer and navbar fragments and create ui.html instead to replace the two fragments
- Change the name of `papercard.html` to `paper-card.html`
- Create new `submit.html` page to replace `create.html` for researcher to submit their paper
- Create a "**GlobalControllerAdvice**" that runs before every controller call and adds the currently authenticated user to the MVC model.
- Separate dashboard page for each roles instead of one unified dashboard page.
- Changing login and signup page UI
- Changes in `PaperService.java`
  - The controller now depends on **UserRepository** and **PaperRepository** and on **Spring Security Principal** to identify the current user.
  - `userRepository.findByEmail(...).orElseThrow()` will throw if no user is found — consider handling that case gracefully.
  - The code assumes `paperRepository.findById(...)` exists and that "**PaperEntity**" has a `getStatus()` used for counting.
- Added new fields to the DTO and added corresponding getter and setter methods in `PaperRequest.java` and `RegisterRequest.java`
- Key changes in commit "**dynamic dashboard**":
  - Authentication flow: login/register page logic moved and hardened (JWT check moved into `AuthenticationController`).
  - Paper management: added status/research area to `PaperEntity`, server-side search/filtering, new "My Papers" UI and paper card fragment.
  - Global model: unified attributes (`currentPath` + role flags) for consistent Thymeleaf conditionals/navigation.
  - Minor service/repository additions and a few template updates.