






# **BRAGBOARD: INTERNAL EMPLOYEE RECOGNITION WALL**

A platform to promote workplace appreciation  
and engagement






# PROJECT OVERVIEW

- Internal recognition system for employees
  - Employees appreciate colleagues using shout-outs
  - Encourages positive workplace culture
  - Admins monitor engagement and content
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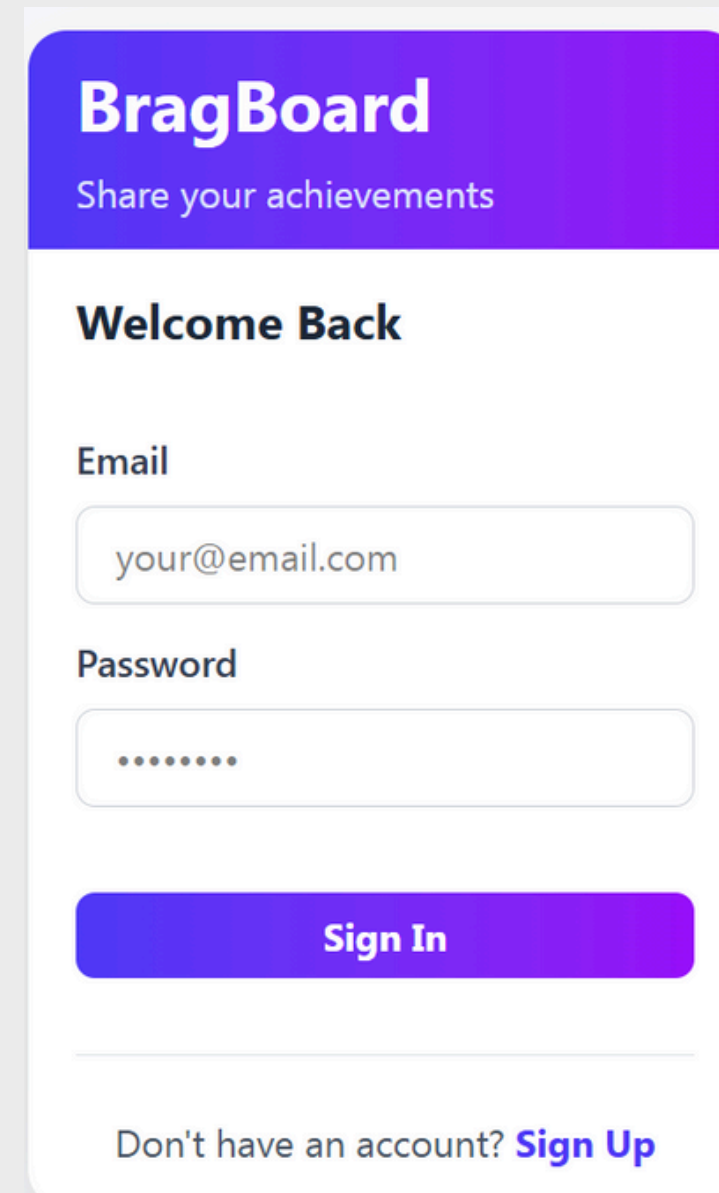
# PROBLEM STATEMENT

- No centralized employee recognition system
  - Appreciation happens informally or is ignored
  - Low employee engagement and motivation
  - No tracking or moderation of recognition
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# PROPOSED SOLUTION

BragBoard provides a centralized recognition wall where:

- Employees can post shout-outs appreciating teammates.
- Multiple recipients can be tagged in a single shout-out.
- Colleagues can react using predefined reactions (like, clap, star).
- Users can comment on shout-outs to encourage discussion.
- Admins can monitor activity, delete inappropriate content, and generate reports.
- All recognition activity is visible company-wide, improving transparency.

A mobile app interface for BragBoard. The top header is purple with the text 'BragBoard' in white and 'Share your achievements' in a smaller font below it. The main content area is white. It starts with 'Welcome Back' in bold. Below that is an 'Email' label followed by a text input field containing 'your@email.com'. Then a 'Password' label followed by a password input field with seven dots. A purple 'Sign In' button is below the password field. At the bottom, there is a link that says 'Don't have an account? Sign Up' where 'Sign Up' is in blue.

**BragBoard**  
Share your achievements

**Welcome Back**

Email

your@email.com

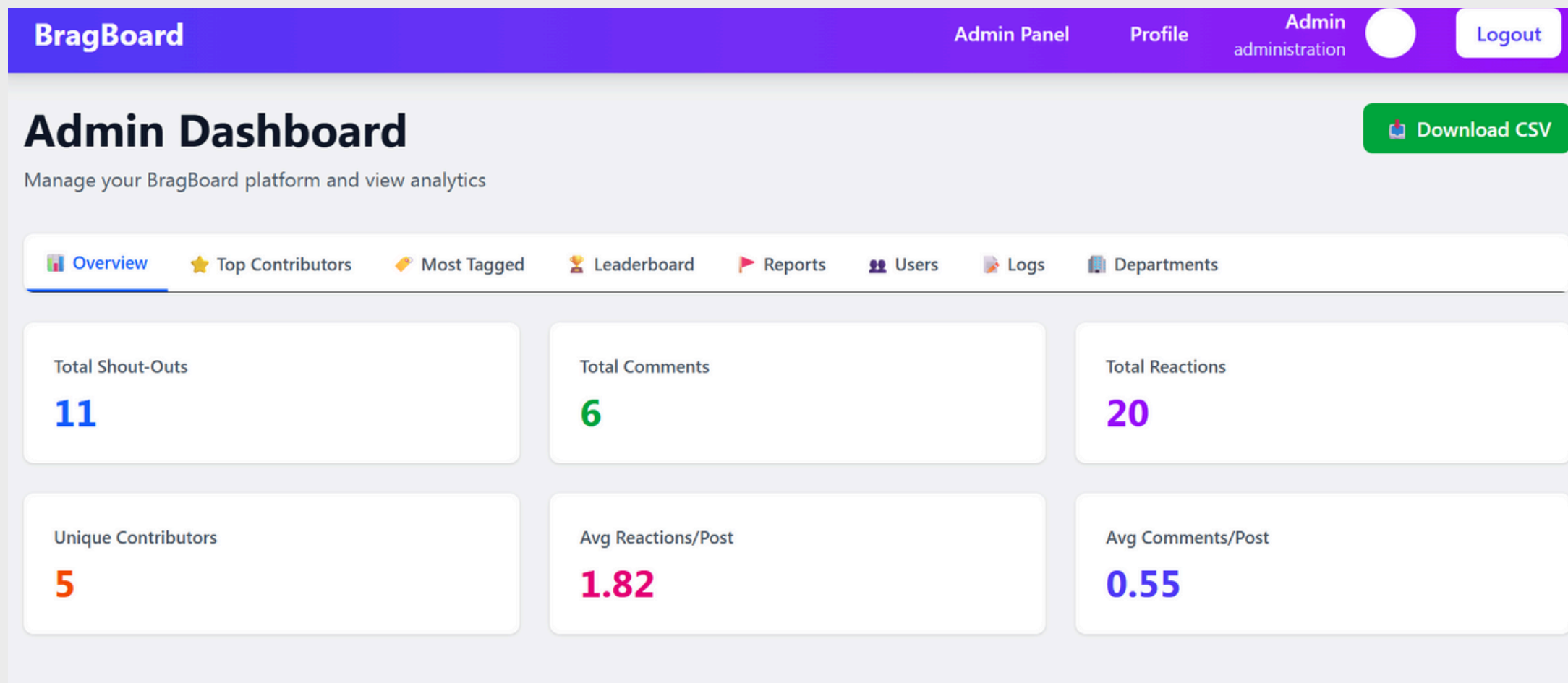
Password

.....

**Sign In**

Don't have an account? [Sign Up](#)

# KEY FEATURES



- Employee shout-out creation and sharing
- Multi-user tagging system
- Reactions (like, clap, star)
- Commenting system for interaction
- Admin dashboard for moderation and insights
- Secure authentication and role-based access



# TECHNOLOGY STACK


## Frontend

- React.js – Used to build the user interface
- Tailwind CSS – Used for styling and responsive design

## Backend


- FastAPI (Python) – Used to create REST APIs and handle business logic

## Database

- PostgreSQL – Used to store users, shout-outs, comments, and reactions
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# TECHNOLOGY STACK

- Authentication & Security: JWT (JSON Web Tokens) – secure authentication using access and refresh tokens
  - API Documentation: Swagger UI – interactive API testing and documentation
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# SYSTEM ARCHITECTURE

- Frontend communicates with backend using REST APIs.
  - FastAPI handles authentication, business logic, and validations.
  - PostgreSQL stores users, shout-outs, comments, reactions, and logs.
  - JWT secures API requests and enforces role-based access.
  - Admin actions are logged for accountability
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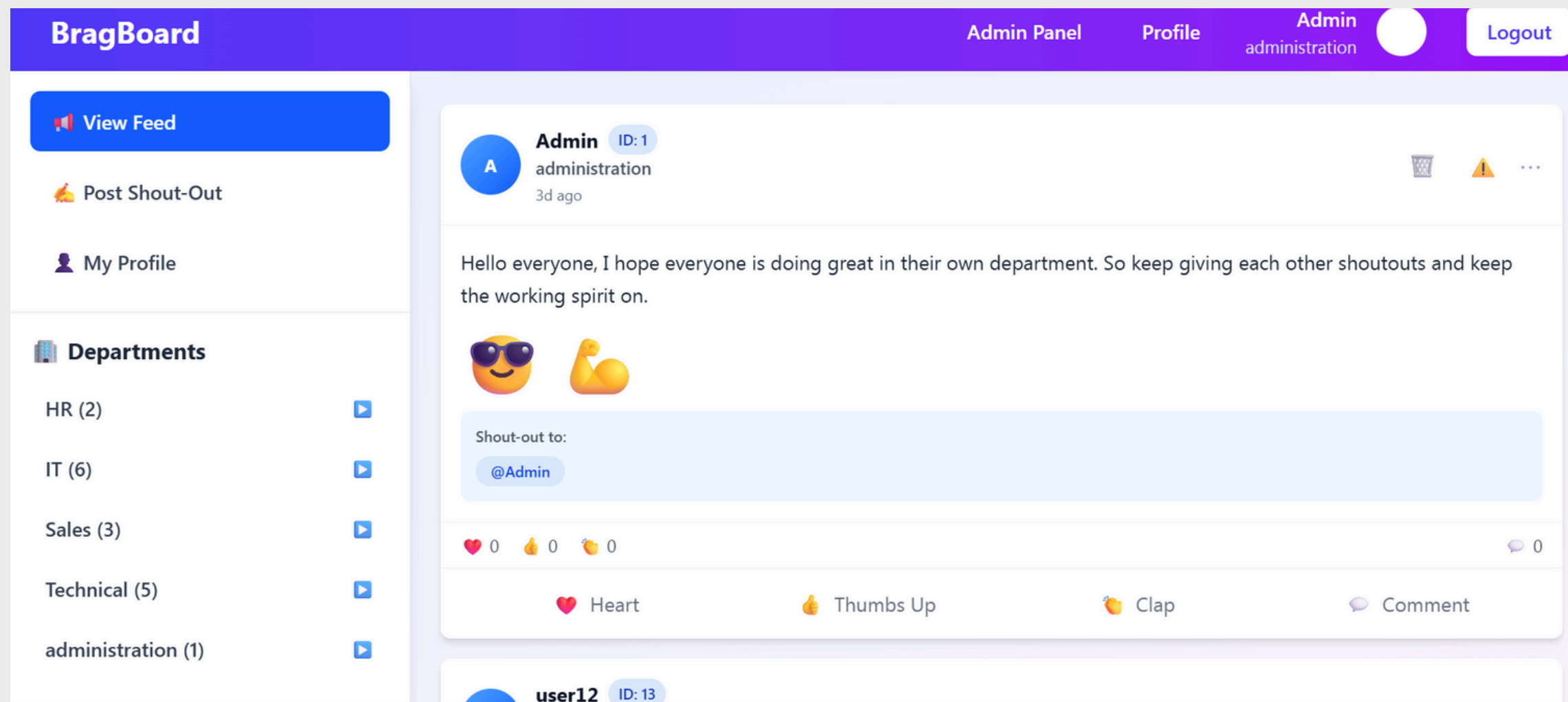




# MODULES BREAKDOWN

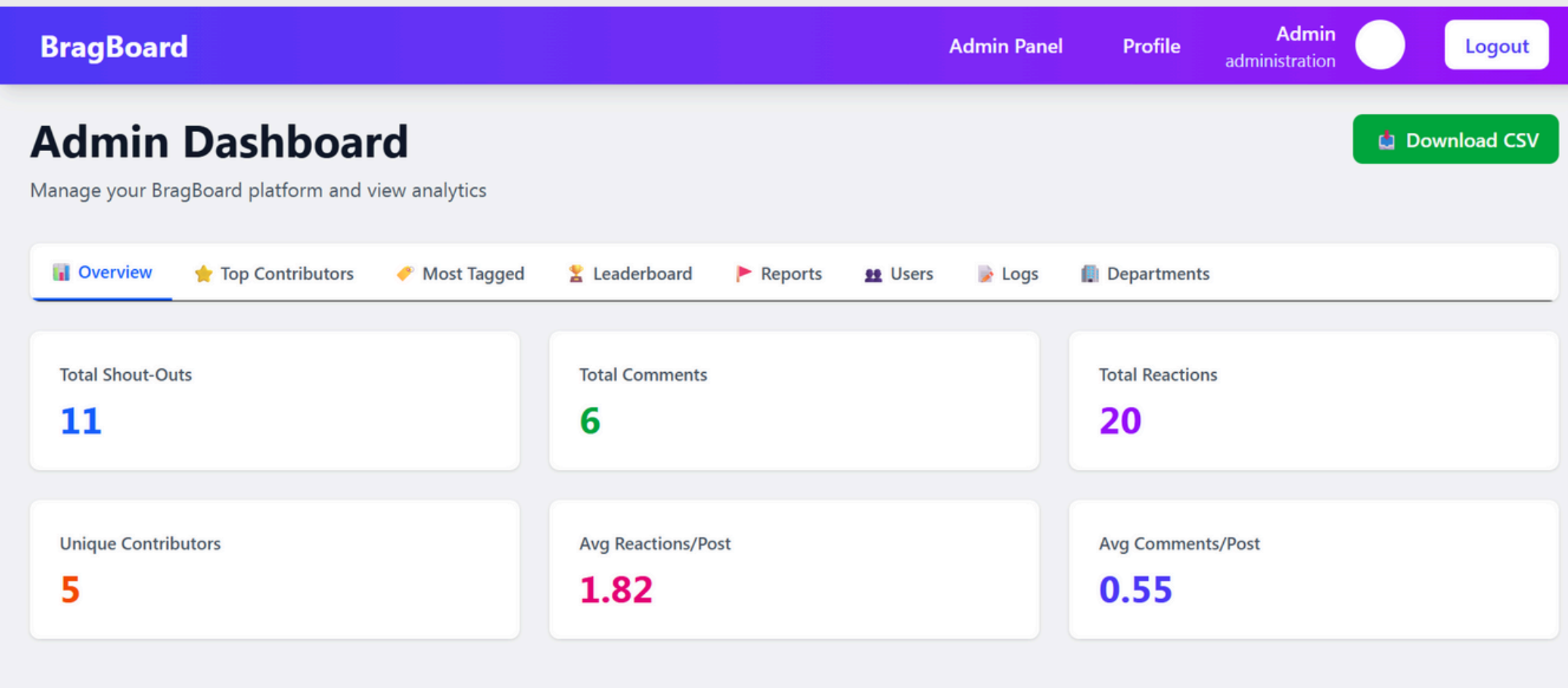
- User Management & Authentication Module
  - Shout-Out Creation & Feed Module
  - Reactions & Comments Module
  - Admin Moderation & Analytics Module
- 

# MODULES BREAKDOWN



Admin		
POST	/admin/{shoutout_id}/delete	Delete Shoutout
POST	/admin/comments/{comment_id}/delete	Delete Comment Admin
POST	/admin/reports/create	Report Shoutout
GET	/admin/reports	Get Reports
DELETE	/admin/reports/{report_id}	Resolve Report
GET	/admin/analytics/metrics	Get Engagement Metrics
GET	/admin/analytics/top-contributors	Get Top Contributors
GET	/admin/analytics/most-tagged	Get Most Tagged Users
GET	/admin/analytics/department-stats	Get Department Stats
GET	/admin/logs	Get Admin Logs


# ADMIN CAPABILITIES



- View platform engagement statistics.
- Delete shout-outs, comments, and reactions.
- Monitor reported or flagged content.
- Generate downloadable reports (CSV/PDF).
- Track admin actions using audit logs.




# FUTURE SCOPE

1. Add mobile app support for easier access
  2. Send email or notification alerts for new shout-outs
  3. Add reward points or badges for active users
  4. Support file and image uploads in shout-outs
  5. Add advanced search and filters for posts
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# CONCLUSION

- BragBoard provides a simple way to recognize employee efforts.
  - It improves teamwork and creates a positive work culture.
  - The system is easy to use, secure, and well-structured.
  - Admin control ensures proper usage of the platform.
  - Overall, the application helps in building employee motivation
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# RESULT



- Employees can easily share and receive appreciation.
- Engagement among employees is increased.
- Recognition becomes visible to everyone in the organization.
- Admin can monitor and manage all activities efficiently.
- The project successfully meets its objectives.



# RESULT

U

user1

ID: 2

HR

3d ago

See the magic, this is an amazing design by our hr.

Shout-out to:

@user2

3

0

0


[Overview](#) [★ Top Contributors](#) [🏷 Most Tagged](#) [🏆 Leaderboard](#) [🚩 Reports](#) **[👤 Users](#)** [📄 Logs](#) [🏢 Departments](#)

## User Management

+ Create New User

Name	Email	Department	Role	Joined	Actions
Admin	admin@example.com	administration	admin	16/01/2026	<a href="#">Toggle Role</a> <a href="#">Delete</a>
user2	user2@example.com	HR	employee	16/01/2026	<a href="#">Toggle Role</a> <a href="#">Delete</a>
user3	user3@example.com	IT	employee	16/01/2026	<a href="#">Toggle Role</a> <a href="#">Delete</a>
user4	user4@example.com	IT	employee	16/01/2026	<a href="#">Toggle Role</a> <a href="#">Delete</a>
user5	user5@example.com	IT	employee	16/01/2026	<a href="#">Toggle Role</a> <a href="#">Delete</a>
user6	user6@example.com	IT	employee	16/01/2026	<a href="#">Toggle Role</a> <a href="#">Delete</a>

# RESULT



**user12**

ID: 13

Technical

3d ago

Well done my tech team!!

Shout-out to:

@user9

@user10

HR

Users

2

Sent

5

Received

1

Comments

0

Reactions

1

Technical

Users

5

Sent

4

Received

10

Comments

3

Reactions

10

IT

Users

6

Sent

1

Received

13

Comments

0

Reactions


0

administration





# TEAM MEMBERS

1. Lavanya Jain
  2. Adil Khan
  3. Pravalika Konduru
  4. Sathvika Tadi
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# **PRESENTATION VIDEO**



**Q N A**



**THANK YOU**

