Kollokvie.chat: Presentation

Candidates 157 and 152

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UNIVERSITY OF BERGEN
Faculty of Social Sciences

Outline

- Project: Kollokvie.chat
- Background
- Team
- Methods
- Material

- Results
- Future development
- Discussion
- Conclusion
- Questions

Project: Kollokvie.chat

- A chat solution in the cloud (web application)

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- Maximize security and privacy

Project: Kollokvie.chat

- A chat solution in the cloud (web application)
- Targeted at students working in groups
- Maximize security and privacy
- Alternative to chats on social media platforms

Background

- Students chat using e.g. Facebook

Background

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- Privacy issues

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- Privacy issues
- Not academia friendly

Background

- Students chat using e.g. Facebook
- Privacy issues
- Not academia friendly
- Plenty of distractions

- Candidates 157 and 152

Team

- Candidates 157 and 152
- Candidate 157 was acting stakeholder

Team

- Candidates 157 and 152
- Candidate 157 was acting stakeholder
- Both developers, testers and designers

Methods

- Kanban

Methods

- Kanban
- Trello

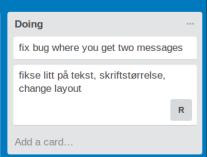# Kollokvie.chat ☆ ⊕ Public

To do

Create room-creation page that creates rooms

☑ 1/5

user testing: chat

fix bug where chat window is always scrolled to bottom

konsistent layout (sentrert?)

Add a card…

Doing

fix bug where you get two messages

fikse litt på tekst, skriftstørrelse, change layout

R

Add a card…

Methods

- Kanban
- Trello
- Github and open source

candidate 157 / **kollokvie.chat**

Unwatch ▾

<> Code   ⓘ Issues 0   📋 Pull requests 0   📖 Projects 0   📖 Wiki   ⚡ Pulse   📊 Graphs   ⚙ Se

http://kollokvie.chat — Edit

⊙ 59 commits	⑂ 1 branch	⬡ 0 releases

Branch: master ▾   New pull request   Create new file   Upload files

@ **candidate 157** disables auto completion

📁 docs	Update end-presentation
📁 src	disables auto completion
📁 tests	fix readable date
📄 .gitignore	make signup, login, logout and index work
📄 dependencies	port to python2 to get gevent working
📄 notes	adding notes for midway presentation
📄 runtest.sh	port to python2 to get gevent working

Methods

- Kanban
- Trello
- Github and open source
- Heuristic Evaluation and User Testing

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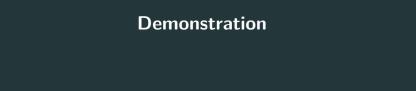- Test Driven Development (TDD)

```
test_create_password (test_model.TestUsers) ... ok
test_create_user (test_model.TestUsers) ... ok
test_create_user_from_row (test_model.TestUsers) ... ok
test_get_all_users (test_model.TestUsers) ... ok
test_update_user (test_model.TestUsers) ... ok
test_user_does_not_see_room_not_visited (test_model.TestUsers) ... ok
test_user_in_room (test_model.TestUsers) ... ok
test_user_sees_rooms_visited (test_model.TestUsers) ... ok
test_messages_from (test_views.TestRoom) ... ok
test_new_duplicate_room_creation (test_views.TestRoom) ... ok
test_new_empty_room_creation (test_views.TestRoom) ... ok
test_new_room (test_views.TestRoom) ... ok
test_new_room_creation (test_views.TestRoom) ... ok
test_view_part (test_views.TestRoom) ... ok
test_view_rooms (test_views.TestRoom) ... ok
test_view_say (test_views.TestRoom) ... ok
test_duplicate_email (test_views.TestSignup) ... ok
test_errors (test_views.TestSignup) ... ok
test_no_password (test_views.TestSignup) ... ok
test_not_logged_in (test_views.TestSignup) ... ok
test_success (test_views.TestSignup) ... ok
test_initialization (test_database.TestNoDatabase) ... ok


----------------------------------------------------------------------
Ran 50 tests in 0.079s

OK
```

- Past experiences

Material

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- Existing solutions (slack.com, Facebook, IRC)

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- Online documentation

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- Online documentation
- Research and curriculum

Demonstration

Results

- Basic chat with login

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- Basic chat with login
- Deployed in the cloud

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- Basic chat with login
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- No reselling of user data

Results

- Basic chat with login
- Deployed in the cloud
- No reselling of user data
- Can be used by students now

Future development

- Smilies and attachments (expected features)

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- Security and privacy features (forget-me, HTTPS)

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- Security and privacy features (forget-me, HTTPS)
- Integration into Mitt UiB

Discussion

- Have we reached our goals?

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- What challenges did we face?

Discussion

- Have we reached our goals?
- Methodology retrospective
- What challenges did we face?
- Could we have done things differently?

Conclusion

- Success

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- Success
- Learned *a lot*

Conclusion

- Success
- Learned *a lot*
- Kollokvie.chat is a good idea

Questions?

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