



Go Markdown together

- Markdown Parser and Collaborative Editing

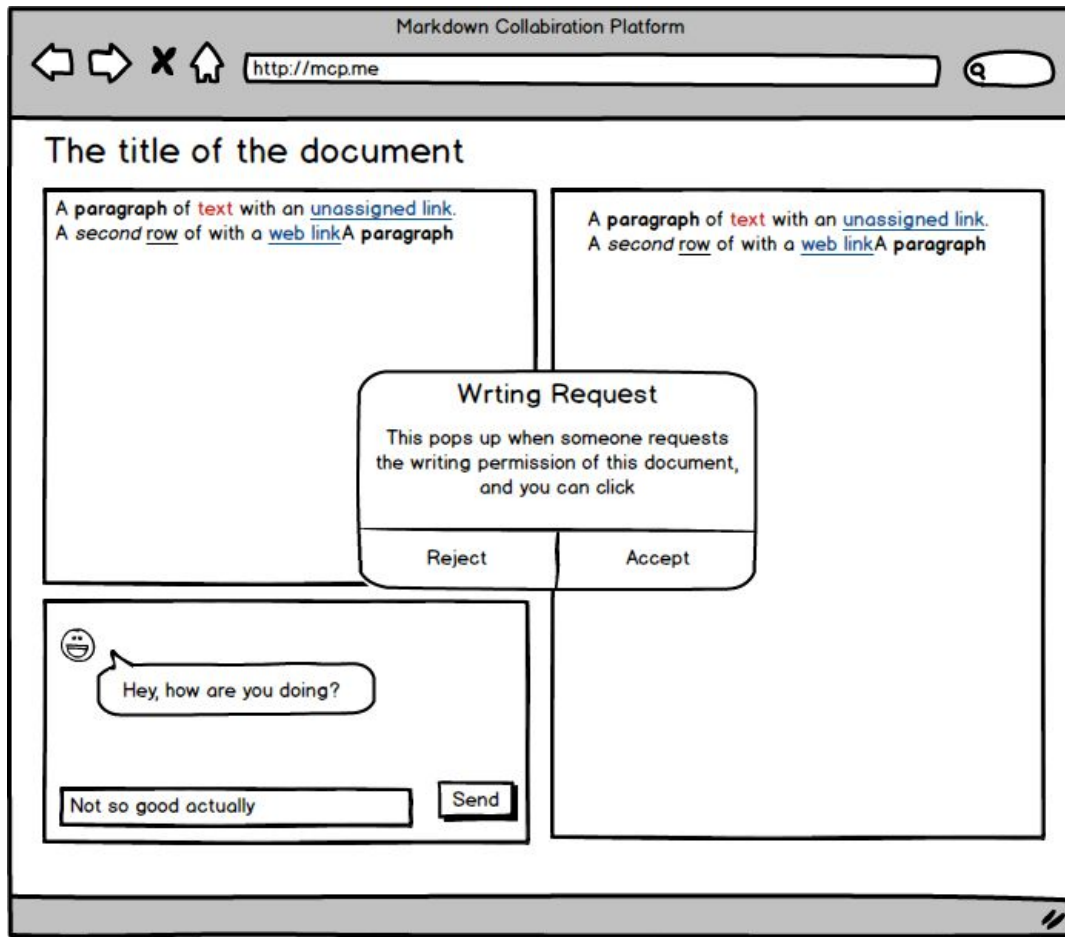


Team 204:

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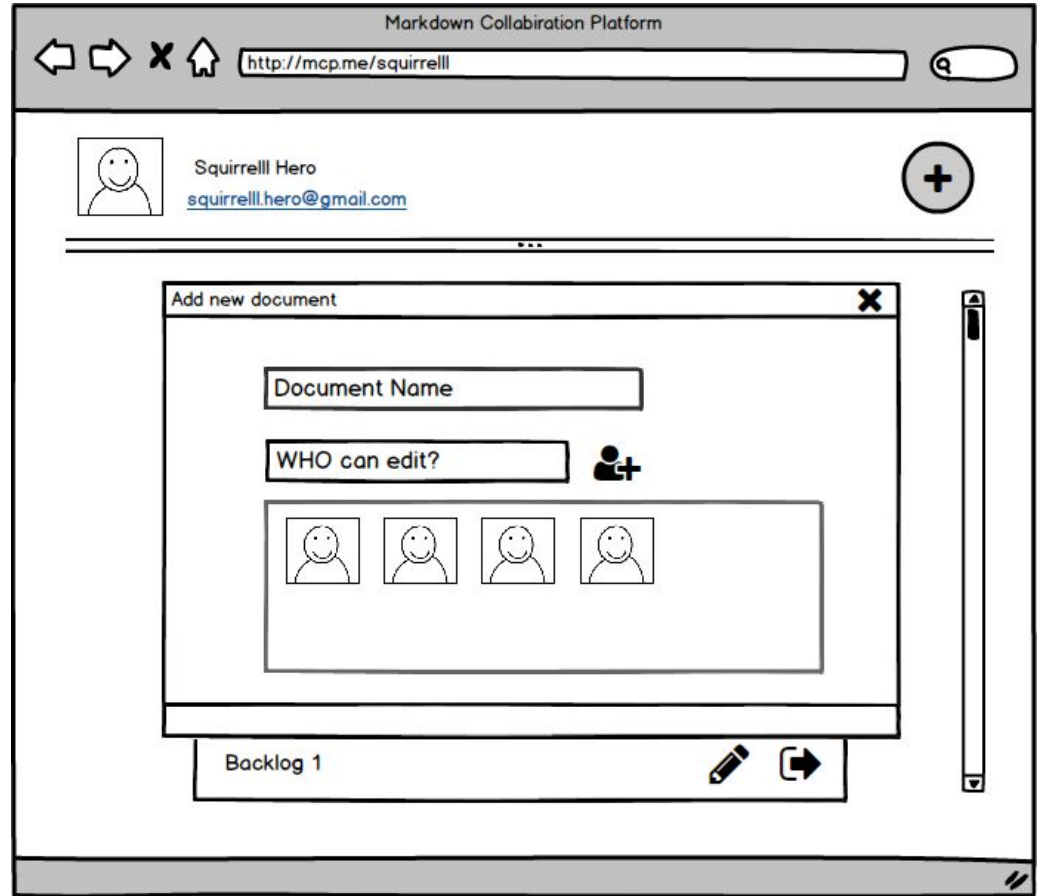
Framework

—— Document Editing Page



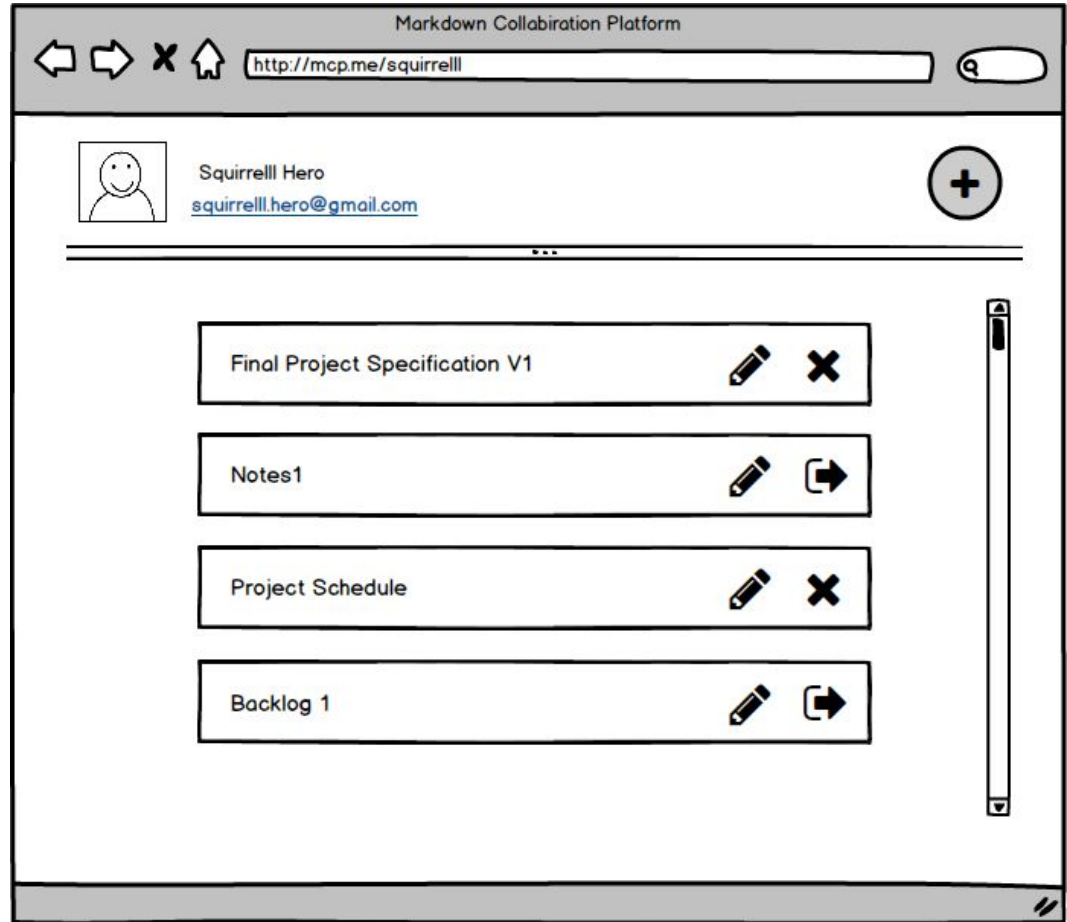
Framework

—— New Document Dialog



Framework

—— Personal Document Page



Labor Division

Frontend		Backend	
Hongkun LENG	Rui LU	Jiupeng SUN	Shiyue LIU
<ul style="list-style-type: none">- Markdown parse- Online chat- Data operation management- Login & Sign up	<ul style="list-style-type: none">- Markdown display- File editing page UI development- Profile page UI development	<ul style="list-style-type: none">- Data synchronization- Deployment- Chat function	<ul style="list-style-type: none">- Profile Page- Login & Sign up

What we planned

Frontend

- User login and sign-up
- Profile page UI development
- File editing page UI development
- Chat function
- Deploy the project on Apache

Backend

- User login and sign-up
- Profile page UI development
- Chat function
- Deploy the project on Apache

What we have accomplished

Frontend

- User login and sign-up
- File editing page UI development
- Profile page UI development
- Online chat function
- Markdown parse (partly)
- Markdown display (partly)
- Deploy on AWS

Backend

- User login and sign-up
- File editing page UI development
- Profile page UI development
- Data synchronization
- Online chat function
- Deploy on AWS


Challenge

1. Data update & transmission
2. Data synchronization
3. Separation of frontend & backend
4. Deployment


Solution


1. Do not transmit whole text, but transmit diff text and operation
2. Data synchronization
3. REST API, Ajax request
4. Automatic deployment (reload on git commit) with Jenkins


Deployment with Jenkins


 **Jenkins**


Jenkins ▶ Markdown ▶


 返回面板








 状态

 修改记录


 GitHub Hook Log

 GitHub

 **Build History** [构建历史](#)

 #151	2016-11-8 上午5:30
 #150	2016-11-8 上午5:21
 #149	2016-11-8 上午5:20
 #148	2016-11-8 上午5:19
 #147	2016-11-8 上午5:19
 #146	2016-11-8 上午5:16
 #145	2016-11-8 上午5:14

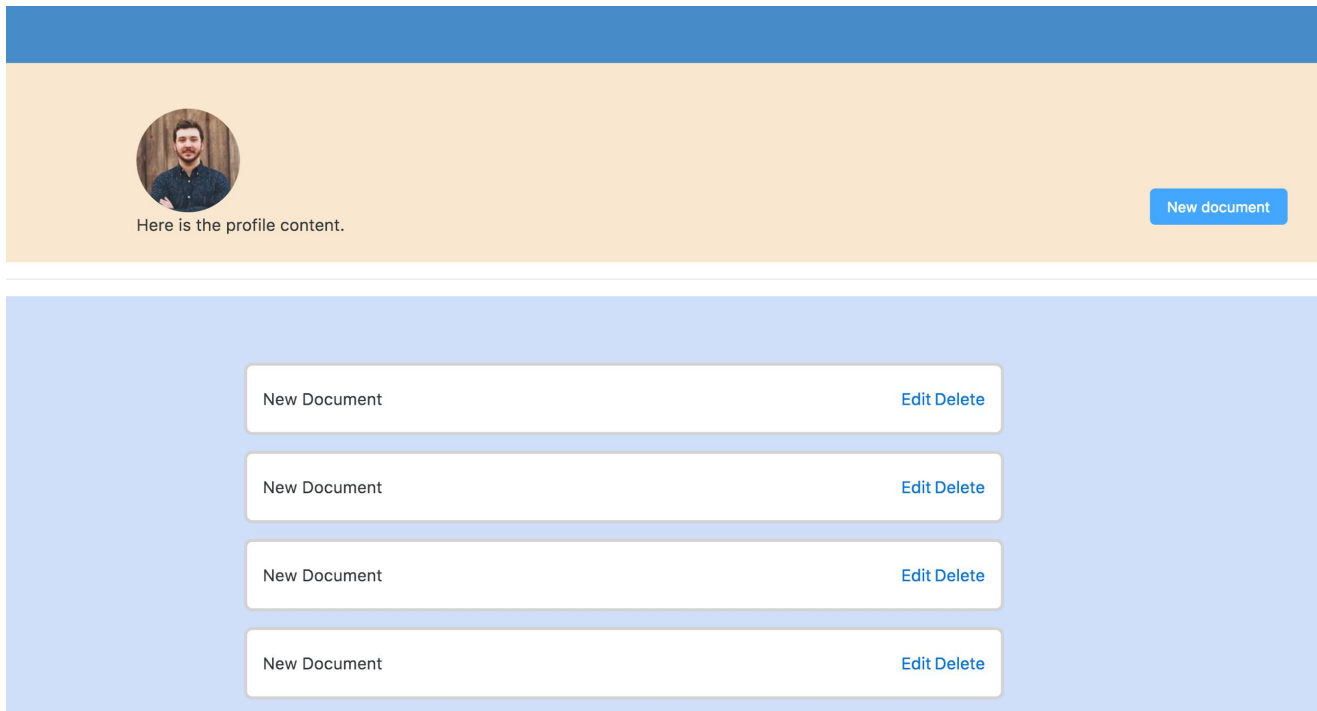
Project Markdown

 [最新修改记录](#)

相关链接

- [Last build\(#151\),5 分 20 秒之前](#)
- [Last stable build\(#151\),5 分 20 秒之前](#)
- [Last successful build\(#151\),5 分 20 秒之前](#)
- [Last completed build\(#151\),5 分 20 秒之前](#)

Profile page



Editing page

New Document

p1

p2

p3

heading 1

heading 2

Hi

See how awesome we are !!

p1 p2 p3

heading 1

heading 2

Hi See how awesome we are !!

Chat Dialog

hello



dsfsd



haha



hi

How are you



How are you



Send

Future features...

- Access Management
- Themes
- UI
- Chat Log
- Online chat function
- Deploy on AWS

Q&A