



# CME Commitment to Change

Iteration 3



# CME Commitment to Change Team Members

- Clayton
- Kris
- Lee
- Noah
- North



# Business Requirements

- BR1: Motivate and enable clinicians to make and keep commitments to enact positive change in the practice of medicine.
- BR2: Enable CME providers to measure the relative effectiveness of their courses at creating changes in medical practice by their respective students.

# Feature NR1: Cloud deployment (BR1 & BR2)

### Instance summary for i-04e1b6eb39ed1a046 (Commitment-to-Change-App) [Info](#)

[Refresh](#) [Connect](#) [Instance state ▼](#) [Actions ▼](#)

Updated less than a minute ago

<b>Instance ID</b> i-04e1b6eb39ed1a046 (Commitment-to-Change-App)	<b>Public IPv4 address</b> 3.149.237.6 <a href="#">open address</a>	<b>Private IPv4 addresses</b> 172.31.11.24
<b>IPv6 address</b> -	<b>Instance state</b> Running	<b>Public IPv4 DNS</b> ec2-3-149-237-6.us-east-2.compute.amazonaws.com <a href="#">open address</a>
<b>Hostname type</b> IP name: ip-172-31-11-24.us-east-2.compute.internal	<b>Private IP DNS name (IPv4 only)</b> ip-172-31-11-24.us-east-2.compute.internal	
<b>Answer private resource DNS name IPv4 (A)</b>	<b>Instance type</b> t2.micro	<b>Elastic IP addresses</b> -


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[🔒](#) [https://3.149.237.6/accounts/login/](#)

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## Feature FR414: Course and student statistics CSV download (BR2)

### Commitments Made in This Course:

Download commitments list 

- another test
- another test
- another test

Commitment Title	Commitment Description	Status	Due	Owner First Name	Owner Last Name	Owner Email
another test	another test	Discontinued	2/22/2024	Laptop	Clinician	laptop@clinician.com
another test	another test	Complete	2/8/2024	Laptop	Clinician	laptop@clinician.com
another test	another test	In Progress	2/21/2024	Laptop	Clinician	laptop@clinician.com

# Feature FR415: Total associated commitment statuses (BR2)

Courses ⓘ

Download aggregate course statistics ⓘ

Course Name	Course ID	Start Date	End Date
Test course	XA-555	Jan. 28, 2024	Feb. 10, 2024
test empty	ts-535	Feb. 13, 2024	Feb. 29, 2024

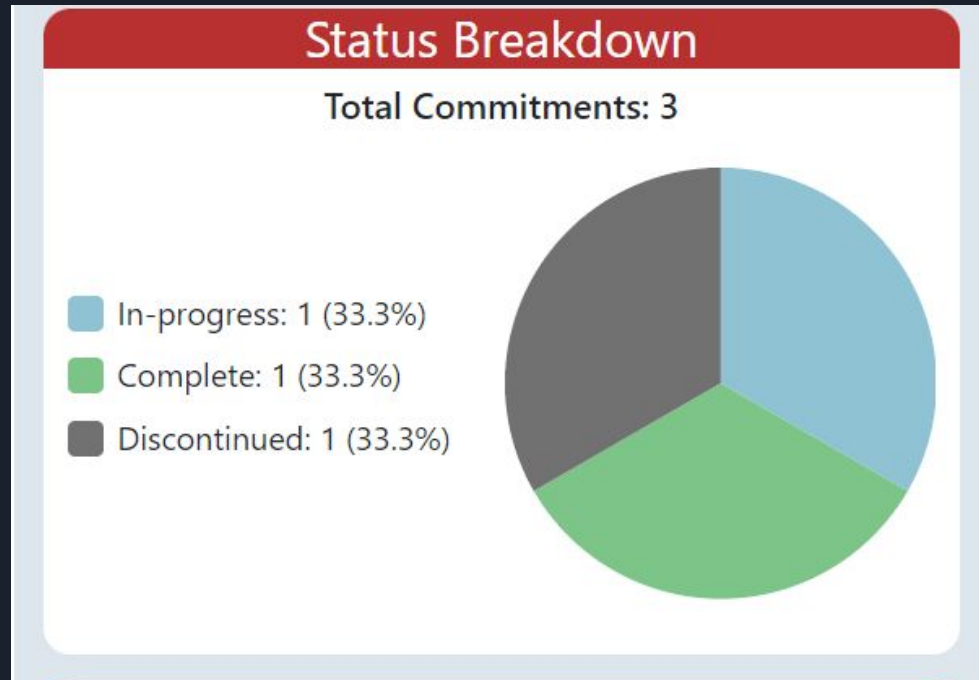
Commitment Templates ⓘ

Test template

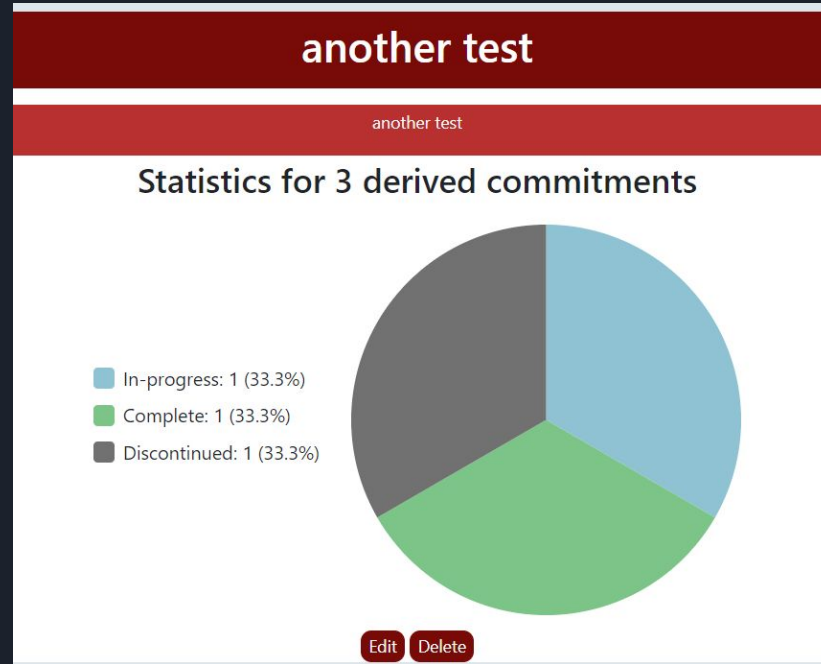
another test

Course Identifier	Course Title	Start Date	End Date	Total Commitments	Num. In Progress	Num. Past Due	Num. Completed	Num. Discontinued
XA-555	Test course	1/28/2024	2/10/2024	3	1	0	1	1
ts-535	test empty	2/13/2024	2/29/2024	0	0	0	0	0

## Feature FR405: Percentage breakdown of commitment status in given course (BR2)

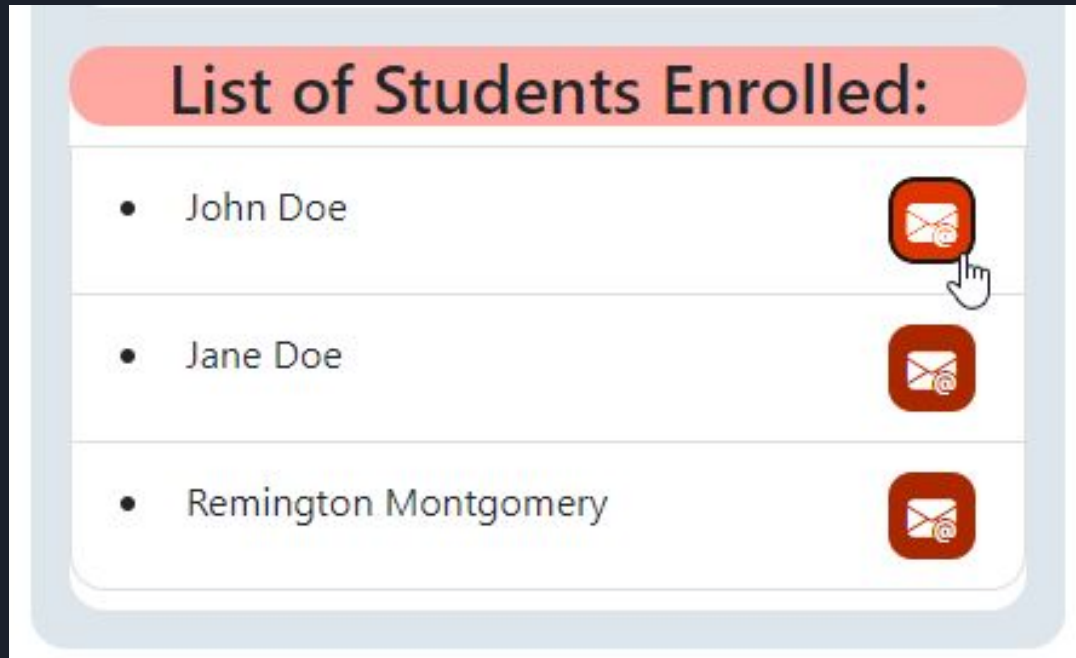


## Feature FR314: Aggregate status statistics of commitment templates (BR2)





## Feature FR608: Mailto link (BR1 & BR2)



# Mentor Feedback





## Mentor Feedback

- Keep CSV data simple and numeric where possible
- Pie chart looks nice, but simplify the legend and labels
- Resolving spam policy should be part of another feature
  - Unsubscribe link is a good idea
  - Uniqueness of email should be required
    - Enable pruning of unconfirmed accounts via admin site
- Deployment documentation was detailed & clear



# Client Feedback & Software Usage

- Satisfied with features overall during demo
  - No functionality issues, some usability issues
- Chose to defer his decision on whether to pursue full production until he returns from vacation
- Mailto link would be much better as a bulk action
- More indications of where the user is (breadcrumbs)
- Improve contrast on some buttons
- No urgent functionality demands come to mind - improve usability



## Teamwork - Lee's Code

- NR1 Cloud Deployment
- FR414 Course Commitments & owners CSV
- FR415 Aggregate Course stats CSV
- FR314 Aggregate Commitment Template stats
- FR405 Course commitment status percentage breakdown



## Teamwork - North's Code

- FR608 Mailto link
- Pie charts for Commitment status stats (significant FR314, FR405 aesthetic improvement)
- Major aesthetic enhancements
  - Removed a misleading hover on certain non-linked elements
  - Changed to a higher-contrast theme
  - Adjust headers to connect to content better



## Teamwork - Non-code

- Code Reviews
  - North and Lee were extensively involved (every PR)
- Code Cleaning
  - Both Lee and North worked on this throughout the iteration
- Documentation
  - Lee handled Deployment.md
  - North handled User.md
- Presentation slides & prep
  - Both Lee & North contributed significantly



## Fourth Iteration Features

- Bulk Mailto links
- Aggregate CSV stats for Commitment templates
- Stats for suggested commitments in a specific course
- Course link
- Automatic expiration (deployment performance feature)
- Compare course stats with a provider's average
- Usability enhancements (sorting, connecting students and commitments, etc)