

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation

Change Management Software

The Capstone Experience

Team Google

Benjamin Bonnen

Albert Guo

Nick Vogt

Department of Computer Science and Engineering
Michigan State University

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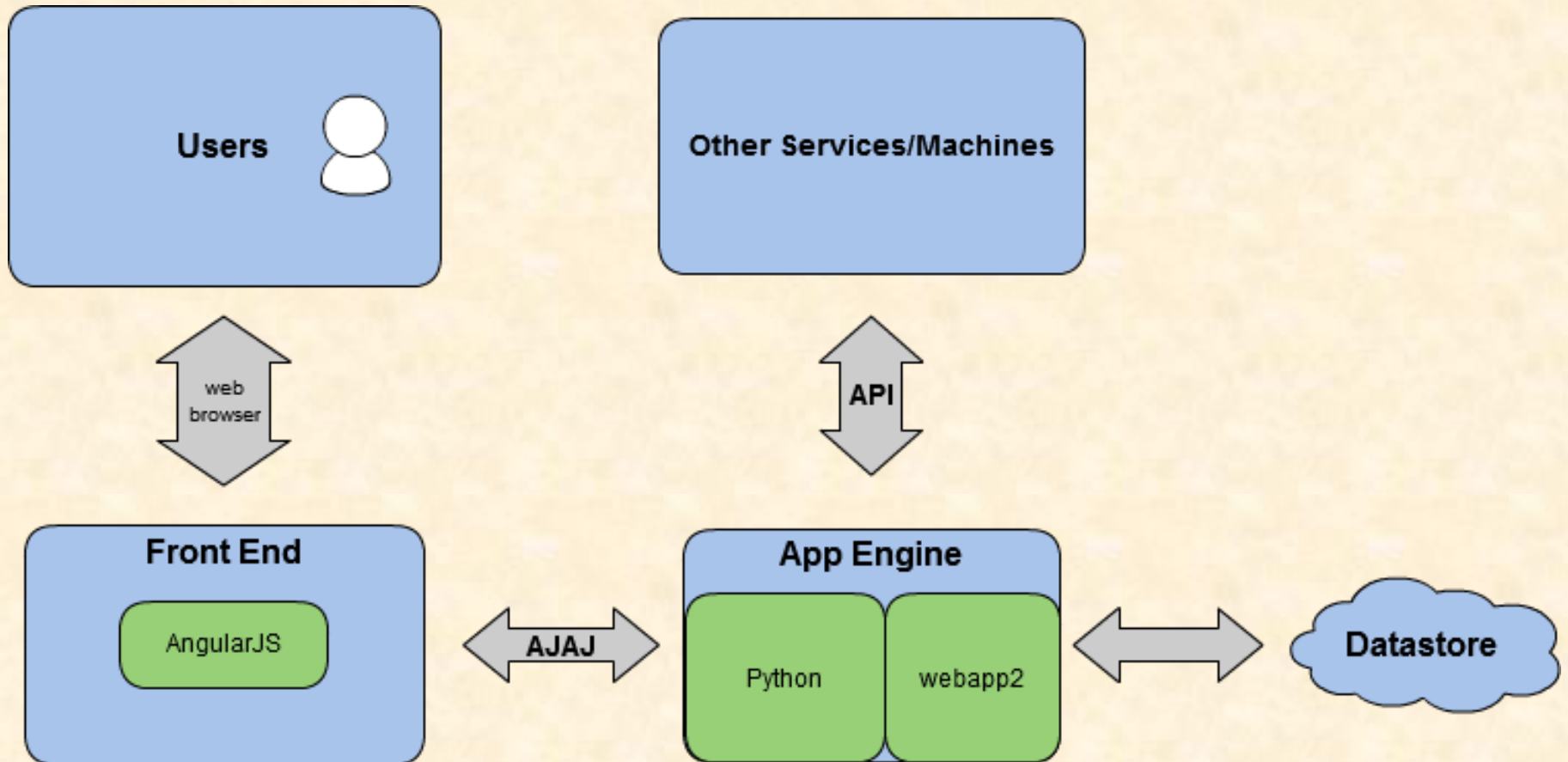
*From Students...
...to Professionals*

Project Overview

- Manages system downtime and changes
- Notifies users of downtimes and changes
- Built on Google software
- Replaces legacy system



System Architecture



Demonstration



Main Page

Change Management Sysl x

chromatic-tree-459.appspot.com/#/

Apps Bookmarks

Home

Currently logged in as: bbonnen@gmail.com Logout

Current Change Requests

Create new request

technician Search

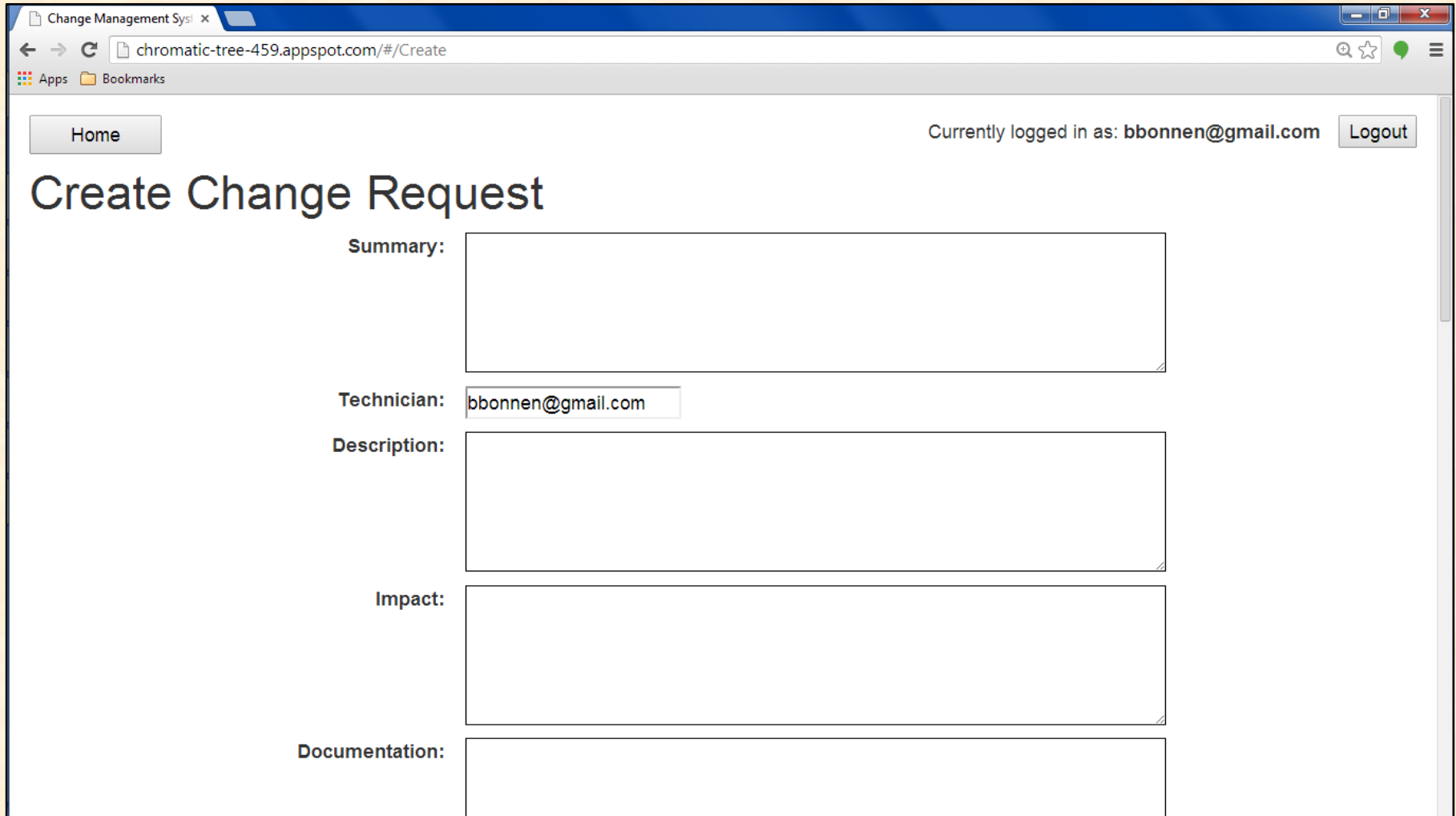
| Created On | Technician | Summary | Priority | Start Time | End Time | ID |
|--------------------|-------------|-----------------------|-----------|--------------------|--------------------|--------------------|
| Feb 16 2014, 15:14 | a@gmail.com | hello | routine | Feb 20 2014, 16:24 | Feb 20 2014, 16:34 | ahRzfmNocm9tYXR... |
| Feb 16 2014, 15:03 | bgilmore | Greetings, traveller. | sensitive | Dec 31 1969, 19:00 | Dec 31 1969, 19:00 | ahRzfmNocm9tYXR... |
| Feb 16 2014, 15:03 | nick | Heh, greetings. | routine | Dec 31 1969, 19:00 | Dec 31 1969, 19:00 | ahRzfmNocm9tYXR... |
| Feb 16 2014, 15:03 | nick | Greetings. | routine | Dec 31 1969, 19:00 | Dec 31 1969, 19:00 | ahRzfmNocm9tYXR... |
| Feb 16 2014, 15:03 | albert | Greetings. | sensitive | Dec 31 1969, 19:00 | Dec 31 1969, 19:00 | ahRzfmNocm9tYXR... |
| Feb 16 2014, 15:03 | nick | Greetings, traveller. | sensitive | Dec 31 1969, 19:00 | Dec 31 1969, 19:00 | ahRzfmNocm9tYXR... |
| Feb 16 2014, 15:03 | albert | Greetings. | sensitive | Dec 31 1969, 19:00 | Dec 31 1969, 19:00 | ahRzfmNocm9tYXR... |

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Summary:

Technician:

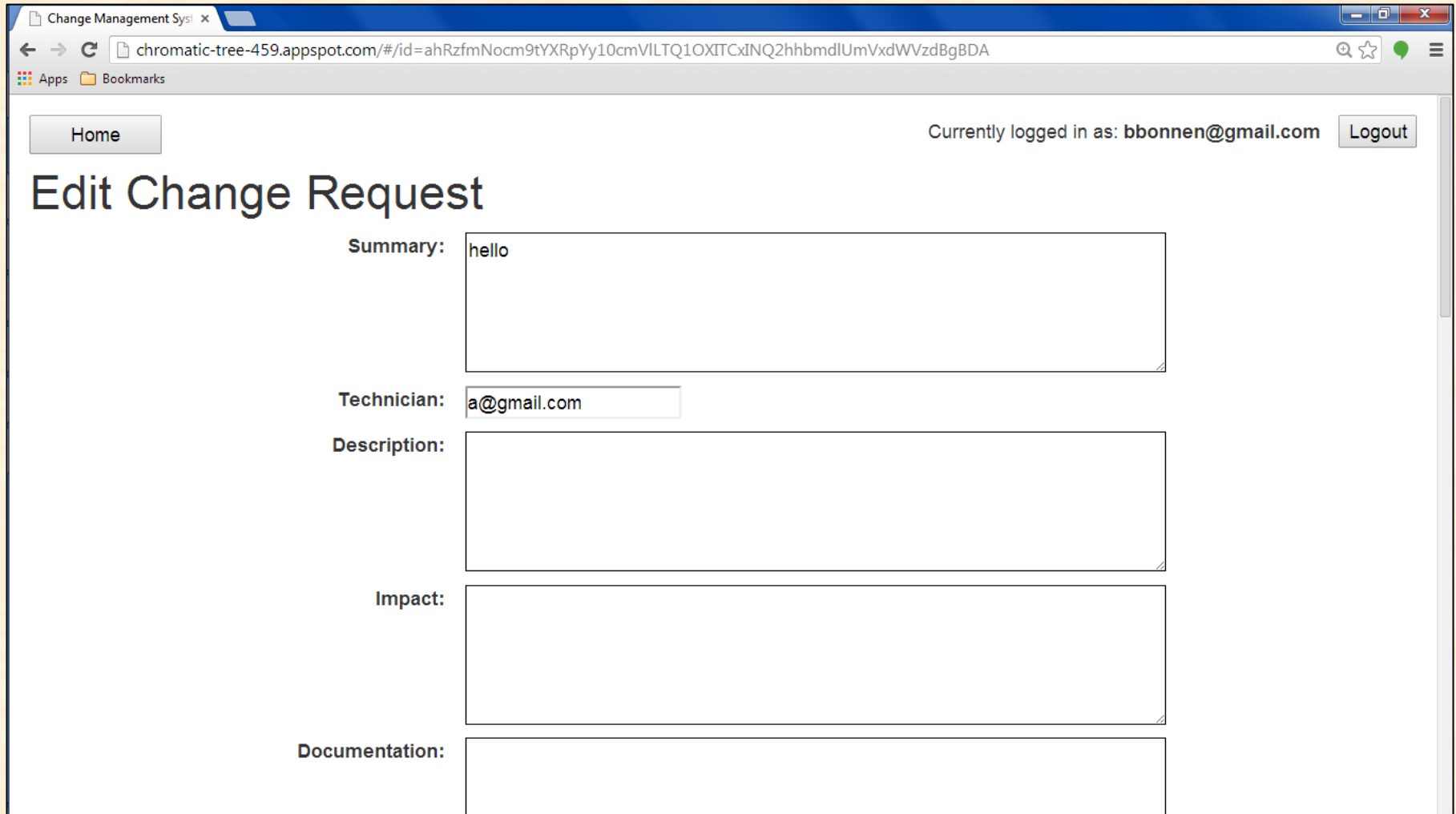
Description:

Impact:

Documentation:



Edit Page



Change Management Sysl x

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Edit Change Request

Summary:

Technician:

Description:

Impact:

Documentation:



What's left to do?

- Improved GUI
- Approval System
- Full-Text Search
- Email Notifications
- Templates

End of slideshow, click to exit.

Datastore

- Entities (ID + kind + properties)
- Indexes (tables servicing certain queries)
 - Specified by common queries or manually.
- Groups (tree of entities)
 - Changes within a group occur in order.
- Join query not supported

