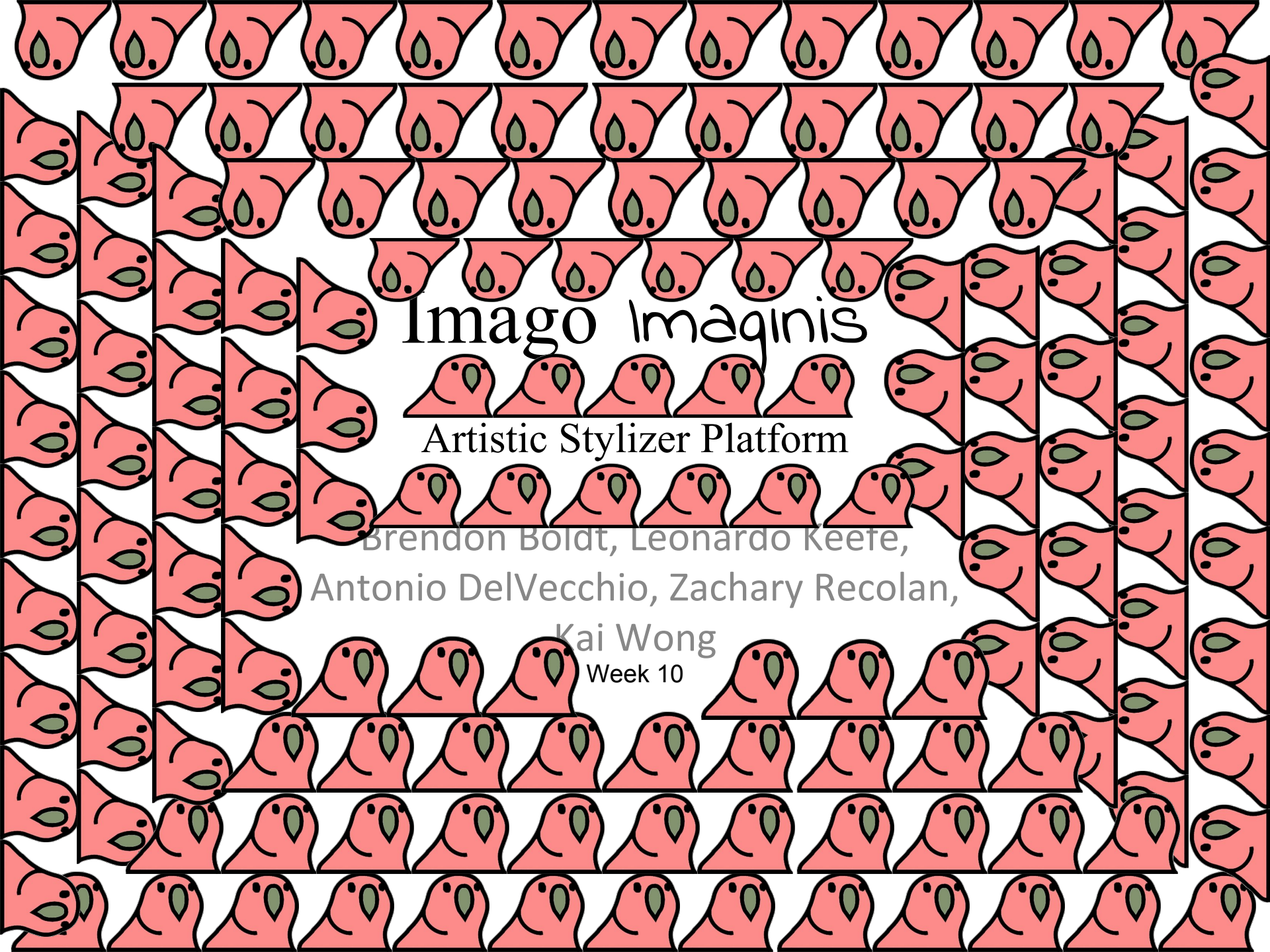
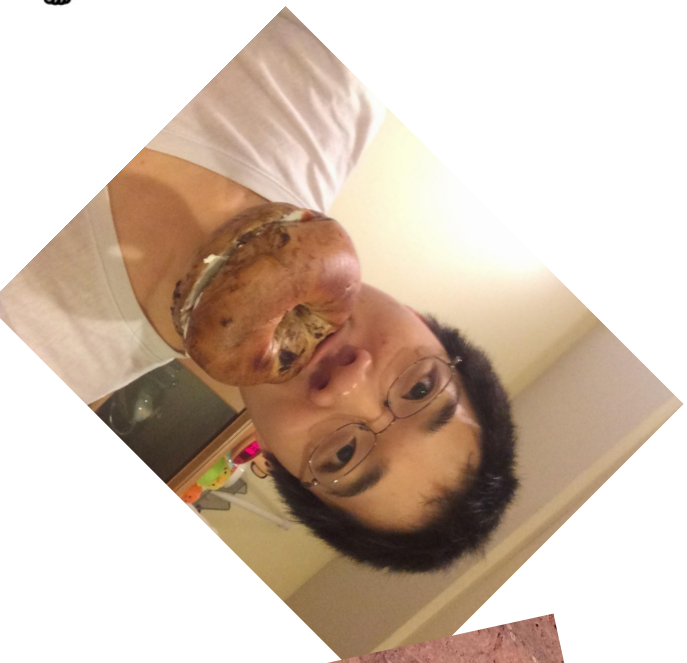
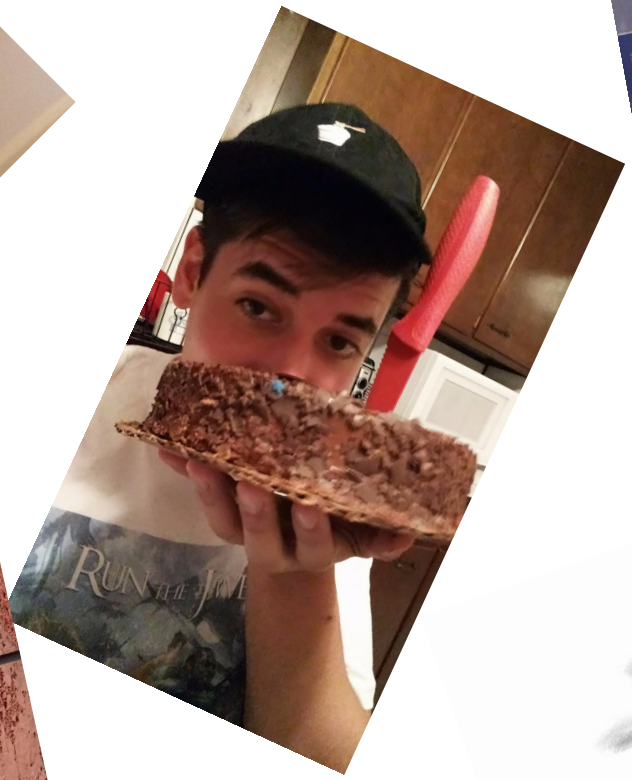

Imago Imaginis
Artistic Stylizer Platform
Brendon Boldt, Leonardo Keefe,
Antonio DelVecchio, Zachary Recolan,
Kai Wong
Week 10

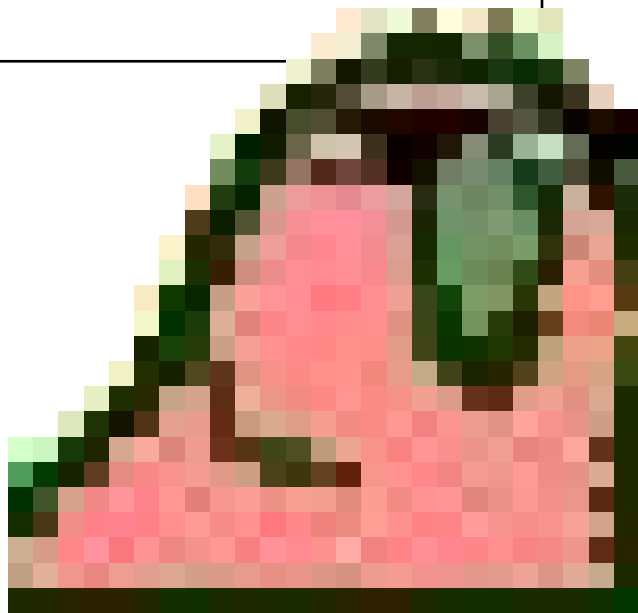
Team Pictures





Decision Required

Yellow	Zack/Kai/ Antonio	Improve UI styling/layout/design
Green	Zack/Kai	Implement profile and user search functionality
Green	Zack/Kai	Connect UI/frontend to database (with APIs)
Green	Zack/Kai	Implement account creation and modification
Green	Leo/Antonio	Update and make necessary changes to DB
Yellow	Zack/Kai	Implement library management
Yellow	Brendon	Connect style server to database
Green	Leo/Antonio	Writing scripts to load test DB

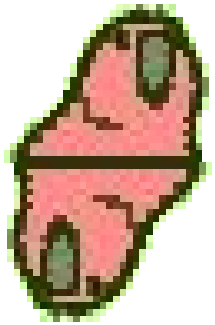


Project Status

- Accomplishments
  - Styled more pages to fit new theme
  - Successful load testing with JMeter
  - Integrated necessary changes to DB design to facilitate styling
  - Style server can pull, style, and push images
  - Implemented functionality to create accounts, upload profile pictures, and modify account info
  - Implemented user search functionality
- Blockers
  - 

Project Status

- Activities being worked
  - Continue to develop more website functionality
    - Library management
  - Continue to polish website front-end
  - Connect the style server to the database
  - Final Project Plan and UML diagrams



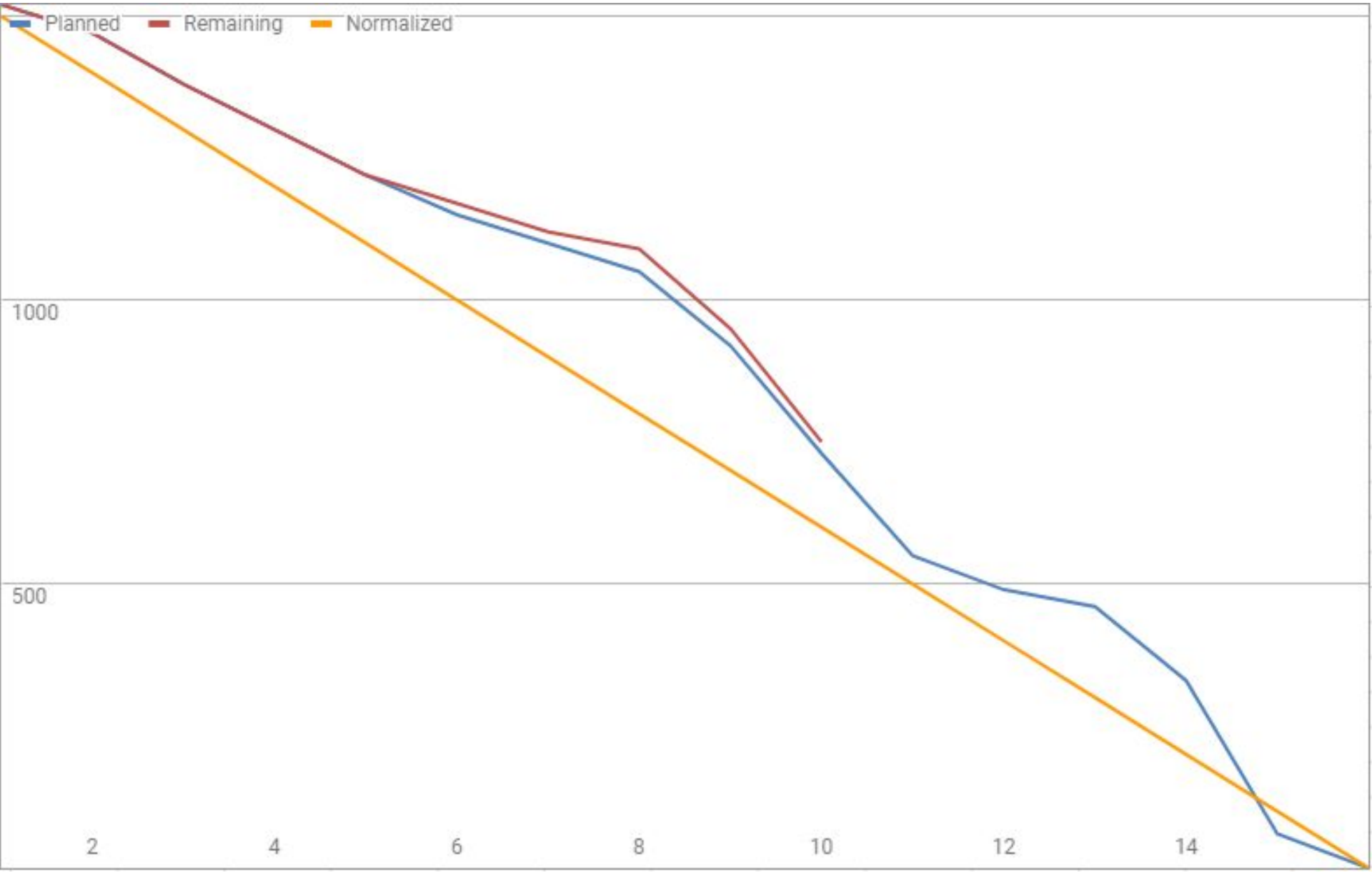
Scope of Project

What it is	What it is not
A website	A desktop application
Photo styler	Photo filter applier
Viewable on mobile	An app (yet)
User profiles	Social media platform
A paid API	A free API
A style transfer service	A deep learning research project
A method to share and display photos	A drive for your users photos

Project Schedule

Deadline	Task / Deliverables	Allocation	Weight
10/18/2017		Week 8	50
	Setup connection between database on server and UI on front-end	Zach/Kai/Antonio	40
	Weekly Meeting	All	10
10/25/2017		Week 9	130
	Implement profile functionality	Zach	40
	Implement login functionality	Kai	40
	Implement web APIs to access database	Zach/Kai/Antonio	40
	Weekly Meeting	All	10
11/1/2017		Week 10	190
	Final DB Design	Leo/Antonio	20
	Database Load Tested	Leo/Antonio	30
	Complete initial (ie. first pass feedback) peer reviews	All	20
	Weekly Meeting	All	10
	Implement web API to call deep learning component	All	40
	Hook up deep learning component to everything else	Brendon	30
	Fully functional deep learning style transfer	Brendon	40
11/8/2017		Week 11	180
	First demo presentation	All	40
	Implement other functionality (styling)	Kai	20
	Implement other functionality (photo uploading)	Zach	20
	Weekly Meeting	All	10
	Stylizer Queue Load Tested	Leo	20
	Help ensure all functions are working as intended	All	30
	Finalize UI design and submit	Zach/Kai	40

Burndown Chart



Project Risks

Risk	Score	Mitigation
User data could be stolen (such as emails)	Low	• Encrypt • Penetration tests of server and site • Credit card data is not stored
Database compromise via malicious injection	Low	• Sanitize inputs • Testing of site
Servers run out of space or processing power	Medium	• Run metrics
Database could be under provisioned	High	• Carefully load test

Project issues

Issue	Owner	Action Plan	Checkpoint Date
Improve pages	Kai & Zack & Antonio	Improve page functionality and appearance	Continuous 11/8
Fully connect website, DB, stylizer	Kai & Zack & Brendon	Have an end to end system with file uploading and styling	Continuous 11/8
Load test DB	Leo/Antonio	Determine if the database can handle 1000 changes at the same time, and be read for queueing purposes	11/1

Lessons Learned

Lessons Learned	Corrective Action / Recommendation
Our hardware can’t handle a million users	-_____-