Imago Imaginis

Artistic Stylizer Platform

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Team Pictures

Decision Required

Green	Kai	Figure out how to create a REST API
Green	Zack/Kai	Mockup creation started on and completed
Yellow	Zack/Kai	Creation of web UI modeled after the mockups created
Yellow	Antonio	Get the database on the server
Yellow	Brendon	Play with training Inception5h architecture
Yellow	Brendon	Test out-of-the-box stylizer using VGG19 architecture
Yellow	Leo	Prep Servers

Project Status

- Accomplishments
  - Created mockups (Zack/Kai)
  - Learned/developed basic API for database (Kai)
  - Revised ERD and created Postgres DB (not on server)
- Blockers
  - None
- Activities being worked
  - Creating web UI modeled after mockups (Zack/Kai)

Scope of Project

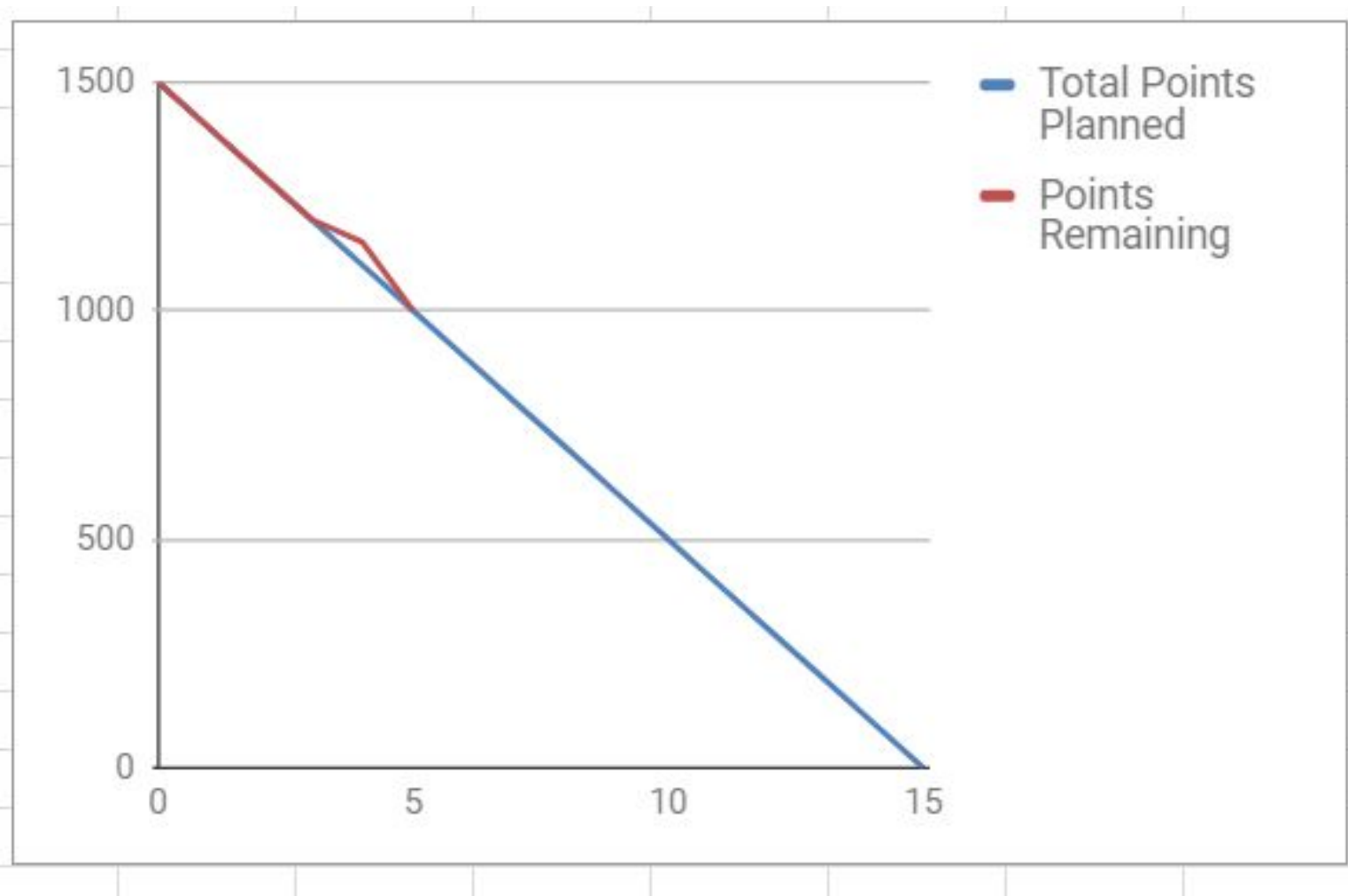| What it is	What it is not
A website	A desktop application
Photo styler	Photo filter applier
Viewable on mobile	An app (yet)
User profiles	Social media platform
A paid API	A free API

Project Schedule

Deadline	Task / Deliverables	Allocation
8/30/2017		
	Form team: make introductions; inventory skill strengths and weaknesses; forumulate and document initial roles and responsibilities	All
9/6/2017		
	Brainstorm client questions	All
	Weekly Meeting	All
	Schedule 1st team meeting - and attempt to choose recurring team meeting times that work for everyone; establish a communications plan	All
9/13/2017		
	Develop and finalize project plan	All
	Write up user requirements	Leo
	Write up client questions	All
	Develop use case diagrams	Leo
	Weekly Meeting	All
9/20/2017		
	Weekly Meeting	All
	E-R diagrams complete with supporting documentation if explanation is required for anything you document in your diagrams	Antonio
	Prepare and submit list of IT requirements	All
9/27/2017		
	Weekly Meeting	All
	Learn to build a postgres database	Leo
	Complete and submit 5 mock-ups (ie. wireframes) of the early demo views of the user interface	Zach/Kai
	Deep learning output using Google's pretrained network	Brendon
10/4/2017		
	Weekly Meeting	All
	Continue to build website (no functionality)	Zach/Kai
10/11/2017		
	Prototype of database submitted for evaluation	Antonio/Leo
	Preliminary website built (no functionality)	Zach/Kai

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

Project issues

Issue	Owner	Action Plan	Checkpoint Date
Setup DB on server	Antonio	Create DB using our script on the server once it is online	10/4
Build web UI	Kai & Zack	Start modeling UI after mockups	10/4
Styling via Deep Learning	Brendon	Create a style transfer prototype	10/6

Lessons Learned

Lessons Learned	Corrective Action / Recommendation
We need to create a PowerPoint for each class	So we did
How to create a REST API	So we learned how to
How to setup a basic Postgres DB	We learned how to create DBs and relations using PostgreSQL
Reading Tensorflow "documentation"	Rephrase your Google search at least three times

Communication Matrix

Stakeholder Name	Title	Information Required	Timing / Frequency	Delivery Method	Owner