

Artistic Stylizer Platform

Week 13

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Beautiful Team Picture





Decision Required

Green	Antonio	Database migrated to production server w/ cleaned data
Yellow	Brendon	Fully support video styling
Green	Zack/Kai	Free user implementation
Yellow	Zack/Kai/Antonio	Admin stats page
Yellow	Leo/Antonio	Project Paper
Green	Kai	API authorization headers
Yellow	Leo	Help Pages
Yellow	Kai	Filesystem deletion
Green	Zack	Stats insertion
Yellow	Zack	Paid user upgrade
Red	Kai	API security





Project Status

- Accomplishments
 - API authorization and validation
 - Stat insertions
- Blockers
 - API security
- Activities being worked
 - Platform statistics on Admin page
 - API security
 - Help and documentation



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

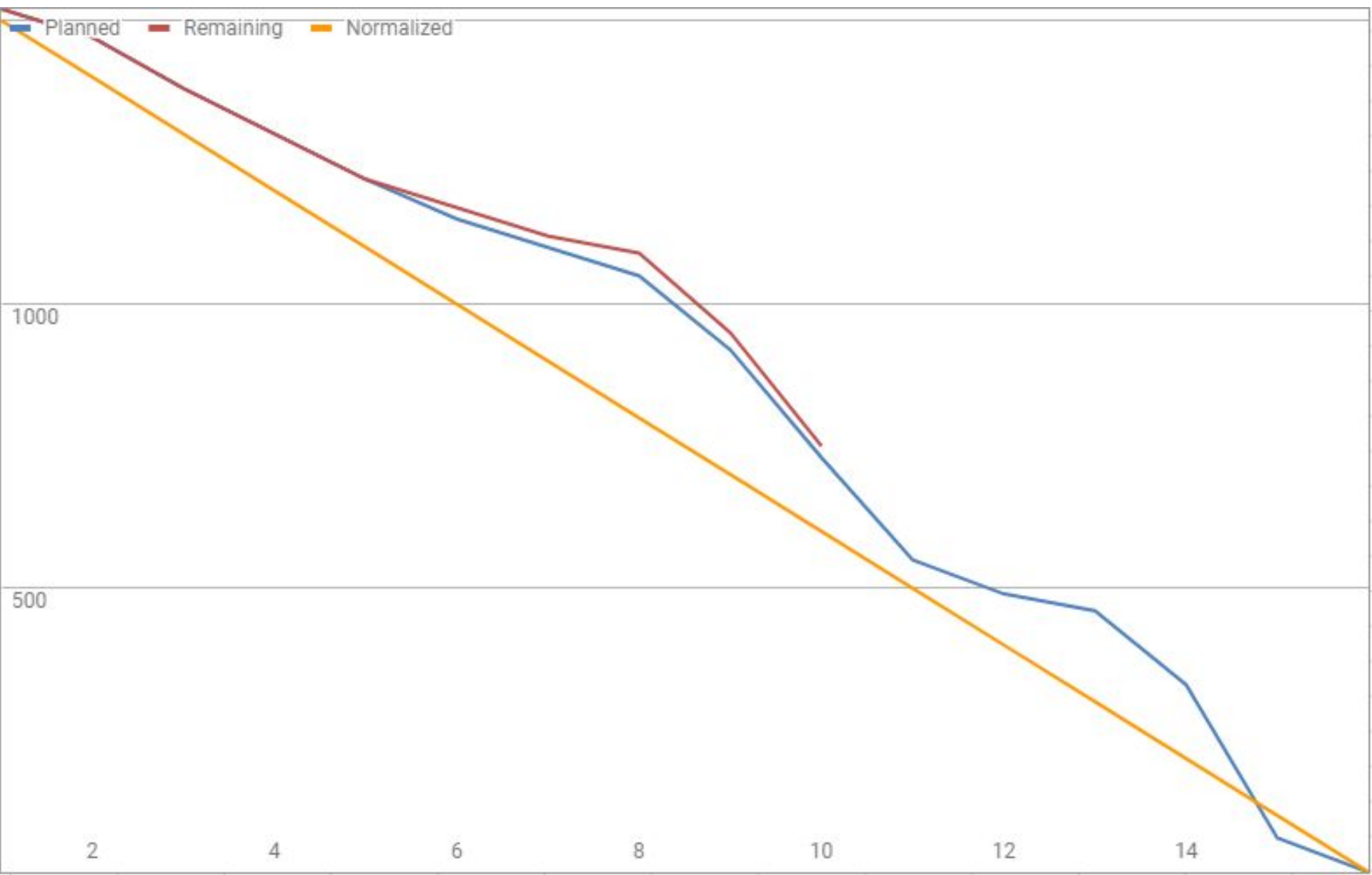


Project Schedule

Deadline	Task / Deliverables	Allocation
11/15/2017		Week 12
	Weekly Meeting	All
	Start work on project paper	Antonio/Leo
	Continue work on implementing/improving existing site and backend functionality	All
11/22/2017		Week 13
	Continue work on implementing/improving existing site and backend functionality	All
	Weekly Meeting	All
11/29/2017		Week 14
	All documentation required for the project in Draft form	All
	Continue work on implementing/improving existing site and backend functionality	All
	User validation tests to be performed by client documented	Leo
	Complete project prototype first-pass demo ready	All
	Weekly Meeting	All
12/6/2017		Week 15
	Complete final peer evaluation forms and submit	All
	Prototype Deep Learning Engine Complete	Brendon
	Prototype Admin Tools Complete	All
	Prototype Website Complete	Zack/Kai
	Prototype Database Complete	Leo/Antonio
	All documentation required for the project in FINAL form	All
	Final presentation	All
	Weekly Meeting	All
12/13/2017		Week 16
	Git er dun!	All



Burndown Chart





Project Risks

Risk	Score	Mitigation
User data could be stolen (such as emails)	Low	<ul style="list-style-type: none">• Encrypt• Penetration tests of server and site• Credit card data is not stored
Database compromise via malicious injection	Medium	<ul style="list-style-type: none">• Sanitize inputs• Testing of site• Prepared statements with pg module
Servers run out of space or processing power	Medium	<ul style="list-style-type: none">• Run metrics
Database could be under provisioned	Low	<ul style="list-style-type: none">• Carefully load test



Project issues

Issue	Owner	Action Plan	Checkpoint Date
API security	Kai	Figure out API security	11/29
Platform statistics	Everyone	Work on supporting and writing queries and implementing backend for statistics	11/29
Help pages	Antonio / Leo	Work on user documentation for website	11/29



Lessons Learned

Lessons Learned	Corrective Action / Recommendation
API security is important	Still figuring it out
Don't cry when servers go down	????????????????????????????????????
What lack of sleep is	Rehire Maui