

Digital Resurrection of Historical Maps using Artificial Intelligence (DRHMAI)

Project Status Report # 6

Sprint #3 (Week 7)

Period ending:	Friday, 06-19-2020
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Team Name: FourTrees	Number of Units Completed
Josh Brake	5 pine cones
Krittika Chaurasia	8 pine cones
Mitchell Pask	21 pine cones
Matthew Van Es	3 pine cones

Client:	Brian Low & Jeannette Strand // Natural Resources Canada
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At the end of this week:

Number of units remaining in backlog	486
Number of units in progress	83
Number of units in review	0
Number of units completed this week	37
Number of new units identified (additional scope)	0

Describe any tasks that could not be completed and how this is being addressed:

Task	How is this being addressed?
61	I have learned a lot from the Map_Vectorize.py but now I have moved onto a new program with a language I have not learned before called R. This following week will be a focus on this programming language.
13	Semantic Segmentation proven to be not what we needed. Instance Segmentation is still a possibility. Standard CNN fully disproven. K-Means Clustering still seems useful, but requires more experimentation.
46	Development of the research guide has begun and is partially complete. This task will continue into the next week of sprint 6 and a first draft will be ready by June 26.

43	E-portfolio penetration testing has begun. We're still awaiting the server to go "live" so testing has only been completed locally. Once the server has gone online the remaining testing can be completed.
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Describe any tasks that could not be completed and their associated impact:

Task	Impact
13	Has been in progress for many sprints. Subtasks are being completed, but this primary decision will continue to push more dependent work closer to the project deadline the longer it takes.

Provide a schedule of this week's meetings and a summary. Include agenda, minutes.

Team FourTrees:
<p>We hold twice a week scrum meetings as a team, accompanied by informal check-ins over group chat as we work through our tasks. For more formal discussions and decision-making, we hold scheduled voice/video calls as required. In these meetings, we typically do the following:</p> <ul style="list-style-type: none"> • Review tasks and discuss questions or issues that come up. • Share or discuss resources we find for the project. • Review our project plan and update our sprint/task log. • Plan for team assignments and check-ins.
Client/Sponsor Meetings:
<p>Thursday 18th 2020 Sponsor and Stakeholder Meeting</p> <ul style="list-style-type: none"> - Progress update - Program and output explanation - Program output expectations and clarification - Avoiding damaged map segments - Map preprocessing suggestions

