



Lean Machine

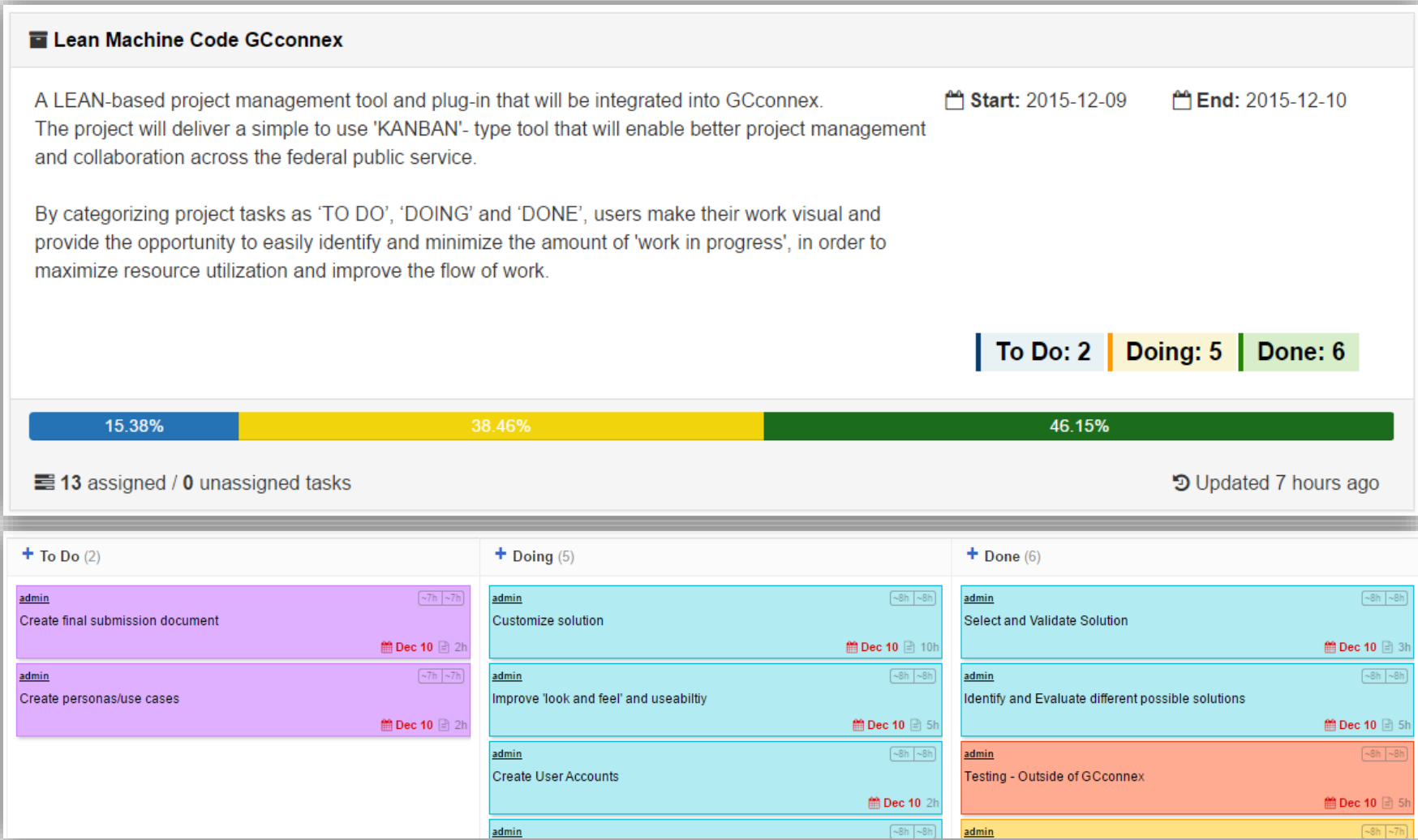
The ‘Open Source’ Product

#CodeGCconnex

This tool will facilitate communication and collaboration in project management across the government of Canada by providing increased visibility to the current status of projects and related tasks. By making work more visible, team members can easily identify backlog and opportunities for improvement.

The Lean Machine app provides a simple-to-use project management tool that will enable Government of Canada employees to better manage and collaborate on their projects and related tasks.

The tool is based on the principles of ‘LEAN Management’ and utilizes an automated KANBAN board which makes work more visible. By making required, ongoing, and completed work more visible, users can better manage and monitor the progress of their projects. The tool also provides a resource/time tracking feature.



The Team

Ali Al-Munayer

CSC

Lead Developer

Terry Kelly

TBS

Communications and GCconnex expert

Rima Sakr

TBS

GCconnex and Project Management expert

Sushanth Sankaran

PSPC

Tester/Developer/Non-GCconnex User

Eugene Omboli

PSPC

Strategic thinker and project manager

Shantia Thompson

CSC

Project Management Expert

Adrianne Lee

Service Can

UX designer

Collaboration is critical to successfully reconcile diverse skills to design and develop a lean-based approach to project management.

Github

<https://github.com/3lywa/gcconnex.git>

Demo (sushi/adminguy)

<http://www.3lywa.com/gcc/>



Lean Machine


GCconnex Plug-In

Projects (2)

[+ New](#)[Resource Calculator](#)

Lean Machine Code GCconnex

A LEAN-based project management tool and plug-in that will be integrated into GCconnex.
The project will deliver a simple to use 'KANBAN'- type tool that will enable better project management and collaboration across the federal public service.

 **Start:** 2015-12-09

 **End:** 2015-12-10


By categorizing project tasks as 'TO DO', 'DOING' and 'DONE', users make their work visual and provide the opportunity to easily identify and minimize the amount of 'work in progress', in order to maximize resource utilization and improve the flow of work.

To Do: 2 | **Doing: 5** | **Done: 6**

15.38%

38.46%

46.15%

 **13** assigned / **0** unassigned tasks

 Updated 7 hours ago



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Kanboard Solution

| + To Do (2) | + Doing (5) | + Done (6) |
|--|--|--|
| <div><div>admin</div><div>Create final submission document</div><div><div>~8h</div><div>~8h</div></div><div><div>📅 Dec 10</div><div>📄 2h</div></div></div> | <div><div>admin</div><div>Customize solution</div><div><div>~9h</div><div>~9h</div></div><div><div>📅 Dec 10</div><div>📄 10h</div></div></div> | <div><div>admin</div><div>Select and Validate Solution</div><div><div>~9h</div><div>~9h</div></div><div><div>📅 Dec 10</div><div>📄 3h</div></div></div> |
| <div><div>admin</div><div>Create personas/use cases</div><div><div>~8h</div><div>~8h</div></div><div><div>📅 Dec 10</div><div>📄 2h</div></div></div> | <div><div>admin</div><div>Improve 'look and feel' and useability</div><div><div>~8h</div><div>~8h</div></div><div><div>📅 Dec 10</div><div>📄 5h</div></div></div> | <div><div>admin</div><div>Identify and Evaluate different possible solutions</div><div><div>~9h</div><div>~9h</div></div><div><div>📅 Dec 10</div><div>📄 5h</div></div></div> |
| | <div><div>admin</div><div>Create User Accounts</div><div><div>~8h</div><div>~8h</div></div><div><div>📅 Dec 10</div><div>📄 2h</div></div></div> | <div><div>admin</div><div>Testing - Outside of GCconnex</div><div><div>~8h</div><div>~8h</div></div><div><div>📅 Dec 10</div><div>📄 5h</div></div></div> |
| | <div><div>admin</div><div>Create data</div><div><div>~8h</div><div>~8h</div></div><div><div>📅 Dec 10</div><div>📄 2h</div></div></div> | <div><div>admin</div><div>Research and Create GCconnex Plug-in</div><div><div>~8h</div><div>~8h</div></div><div><div>📅 Dec 10</div><div>📄 5h</div></div></div> |
| | <div><div>admin</div><div>Overall End to End testing</div><div><div>~8h</div><div>~8h</div></div><div><div>📅 Dec 10</div><div>📄 2h</div></div></div> | <div><div>admin</div><div>Extract Data to be displayed in the Plug-In</div><div><div>~8h</div><div>~8h</div></div><div><div>📅 Dec 10</div><div>📄 5h</div></div></div> |
| | | <div><div>admin</div><div>Test Plug-in</div><div><div>~8h</div><div>~8h</div></div><div><div>📅 Dec 10</div><div>📄 5h</div></div></div> |



Lean Machine

Resource Calculator

Resource Calculator



☰ Resource Capacity Visual

The activities listed would require 52.36% of one Full-Time Employee's time over the course of one year.

52.36%

☰ Tasks

Full-Time

Part-Time

+ Add

Calculate

Clear all

Task

Time

Hours or Days

FTE (in days)

FTE (a year)

Update GUI

100

Days



100

0.52

Close



Lean Machine

Persona

Scott is a 35 year-old Male, with a nice beard and orange tie.

He is working on assignment in a new department in a new role as a project officer. He has been asked to manage 3 medium sized projects – ranging from 6-12 months in length and reporting directly to the Director, on a monthly basis.

He is excited to learn his team has embraced GCconnex and quickly becomes colleagues with all of them, including those that he needs to collaborate with on projects.

He is also excited to learn he is in a fresh Blueprint 2020 environment where he has some discretion over how he will report on and manage his projects.

Scott is pretty good at project management, but given the higher level of collaboration with these projects, he feels like he needs a framework or solution to manage reporting and track progress.

He researches project management courses and solutions and finds there is a 3 day course on project management in 2 months and a course on micro-soft project next month. He is ambivalent about micro-soft project because he has heard staff grumbling about the functionality and complexity. He also doesn't have time to learn new software as project management activities have commenced upon his arrival and he needs to assign tasks to project team members.

Scott is comfortable with technology and uses agile and simple apps to plan trips and manage the family budget – he actually enjoys that experience. He notices that the team Lean Machine won Code GCconnex and has been following their project with great interest. He uses the Kanban project management feature within GCconnex to assigned to create projects and assign tasks to his colleagues.

Scott is able to use the tool to track progress produce reports for his team and bilat meetings with the Director. He finishes all of his projects on time and goes from an AS5 position to an EX1 in two years, because of his new found success in the realm of project management.