



Monthly Update

November/December 2013



Learning Innovation

AN ENTERPRISE IRELAND
& IDA IRELAND INITIATIVE

Section 1 - Core Research Activity

November/December 2013



Learning Innovation

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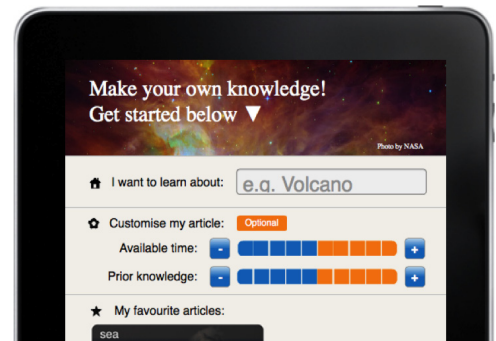
Section 1 - Core Research Activity

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Learnovate Y2 Core Projects - Overview

ALMANAC - A tablet-based learning application comprising a suite of next-generation learning technologies designed to support non-formal learning. The application is designed to provide personalised multimedia-rich learning experiences tailored to the individual's just-in-time learning needs.

- Personalised Learning Composer: Dynamically recomposes content from multiple sources (publisher and open content) into bite-sized learning personalised to meet the individual's just-in-time learning needs
- Content Analysis: Automated analysis of large content repositories to facilitate discovery and reuse of content
- Learning Analytics Framework: Enables real-time capture and analysis of just-in-time learning analytics



The Opportunity

The application's technologies are easily reconfigurable and can be licensed individually or as a suite of technologies that can be integrated with other learning platforms as a complete solution.

I-LEARN - A suite of next-generation learning technologies designed to support and assess collaborative learning within an immersive learning environment. The environment integrates social search and recommender systems to provide learners with access to resources relevant to their learning needs.

- Social Search: Leverages community feedback to recommend highly learning resources
- Recommender: Dynamically updates results by retrieving resources recommended by other learners

The Opportunity

The immersive learning environment is underpinned by best practice learning design. The technologies are easily reconfigurable and can be licensed individually or as a suite of technologies that can be integrated with other platforms as a



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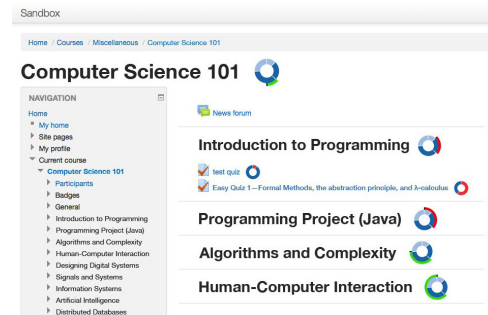
Learnovate Y2 Core Projects - Overview

EVADE - A web-based platform to support the flexible and agile configuration of dynamic learning analytics. The platform is designed to provide the stakeholders that rely on learning management systems with rich learning analytics and flexible visualisation tools for improved performance management.

- **Big Data Management:** Provides flexible, non-intrusive technologies for capturing and warehousing big data to deliver enhanced analytics and reporting capabilities
- **Data Analytics:** Offers extensible and customised analytics that can be adapted to meet evolving business requirements
- **Learning Analytics Dashboard:** Delivers intuitive visualisations that support just-in-time learning analytics in real-time for improved performance management

The Opportunity

The platform's technologies are easily reconfigurable and can be licensed individually or as a suite of next practice learning technologies that can be integrated with other learning and talent management platforms as a complete solution.



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ALMANAC - Update

Current Phase

- Project is past original Sept 30th deadline and has entered a new phase
- During integration it was confirmed that original technical approach for content analysis was unable to adequately discover content for recomposition (cause mainly due to content type and format being unsuitable for technical approach)
- A new strategy has been devised and applied and integrated with tablet app and confirmed to be working successfully
- There are 2 personalisation strategies
 1. Low Prior Knowledge (LPK) - complete with new approach
 2. High Prior Knowledge (HPK) – complete awaiting final testing
- Tablet app has new deliverable of Android as well as iPad
- Stress testing has not yet started
- Documentation is in progress for some components
- Trial & Evaluation – several schools have been identified - dates to be agreed

Summary

- The ALMANAC project is expected to require 2 x FTE until December in order to complete demonstrator for trial in schools.
- Industry Partner CJ Fallon are happy to proceed with new strategies and school trials
- 3 schools have been identified as potential trial partners and engagement will take place through November

Issues and Impacts

- Content delivered on project 2 months later than original expected (new partners came on board and supplied content), this impacted on ability to deliver early integrated versions of the project
- On integration in July/August it was confirmed that content discovery solution was unable to adequately discover content for recomposition (cause mainly due to content type and format being unsuitable for technical approach)
- New approach devised through August and Sept has been implemented, tested and approved- impact – requirement for a further 2 x FTE x 2.5 months and delay in trial plans

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I-LEARN - Update

Current Phase

- Internal sign off and Industry partner sign off complete
- Documentation – in progress
- Trial & Evaluation has not yet started

Summary

- I-LEARN is signed off by academic and industry partners awaiting details for trial dates.

Issues and Impacts

- Significant delays early in the project prompted a realignment of tasks and new schedule to be created in May. Hiring of IME developer has ameliorated many of the delays.
- Delays in IME build through the project impacted on integration phases and pushed a large concentration of tasks late in the project for SSR and Pedagogy.
- Technical problems revealed during testing in early October added a further 5 weeks x 2 FTE to the project.

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EVADE - Update

Current Phase

- Documentation complete
- Trial & Evaluation – under discussion in December with Enovation Solutions customer for January to May trial

Summary

- Front end system and visualisation – complete
- KMP and clustering – complete
- A version of EVADE without KMP is working and tested with open data.

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Issues and Impacts

- Data Dump was 7 weeks in delivery to the development team, so confirmation on what could be captured for this project as scoped has been unclear until w/e Sept 13th.
- Big Data KMP – was discovered during integration in September that the required dynamic flexibility was not adequate for the project needs. This has required a further 2 x FTE x 5 weeks work. This development work is complete and being tested.
- TBD when to do final integration with KMP

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Other Projects

- MyPACE to tablet

Status

On Hold for consideration under alternative funding

- Current Curation Tool Trial

Status

Under discussion for licensing agreement

- Gaming in Assessment Report

Status

Integrated into Year 3 project

Industry Partner Projects

Digital Logic Master (DLM) – Commercialisation Funding Project with NUIG.

- Learnovate Centre will provide pedagogy consultancy to DLM team
- Project Scope – 30 man days
- Current Phase – contracts signed Dec 13th
- Timeline – January – March 2014
- <http://www.youtube.com/watch?v=QtHTHTBmY1s>

Empower the User (ETU) – Innovation Voucher

- Initial meeting held to discuss project
- Scoping deliverables and timing to be confirmed
- Main focus expected to be on pedagogical strategy

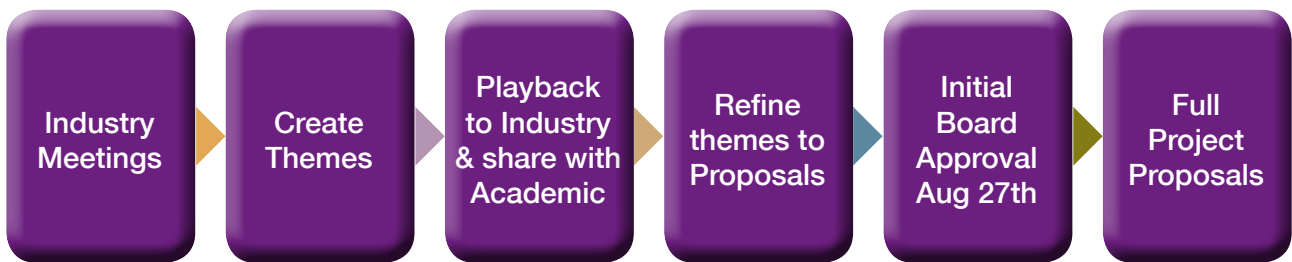
Gotcha Ninjas – Innovation Voucher

- Initial meeting held to discuss project
- Re-engagement expected Q1 2014

Section 1 - Core Research Activity

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Learnovate Y3 Core Funded Projects Proposal Process - July – August 2013



Current Phase

- Year 3 project themes have been identified and approved by the board in August
- Subsequent high level meetings have been held to discuss and refine
- Academic partner meeting were held on November 20th
- Industry partner meetings will follow
- Initial desk studies will start in early 2014 to be followed by SoTA and design phase in Q1 2014

Project Theme	Sector	Duration
Assessment 2020	Schools (K-12)	12 month
Business Competence Analytics	Corporate	12 month
Interoperability and Reuse	All Sectors	12 month
Learning Innovation Maturity Framework	AllSectors	12 month

Section 2 - Programme Activity

November/December 2013



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Section 2 - Programme Activity

November/December 2013

Industry Engagement

November

- 15th Hibernia College Research Conference.
- 18th Learate Commercialisation Discussion
- 19th KDEG Seminar hosted at Learnovate Centre
- 22nd Lunchtime Seminar Series – Mazars
- 27th EI Technology Centre Forum
- 27th Steljes meeting with CEO

December

- 9th IUA, familiarisation meeting with the Irish Universities Association
- 10th US Embassy Forum (Stanford D-School)
- 11th Intelligent Content Workshop
- 13th Donald Taylor Lunchtime Seminar Series – Long Room Hub

Membership

November

- 8th Ide learning potential member talks.
- 14th Janison (Aus), potential of setting up European operation in Ireland
- 18th Testreach, potential member talk, company has online investigation solution

December

- 11th James Carroll video initiative
- 12th HP
- 18th Educate Together
- 19th Internal Comms. session

Members Signed

Kelmac

Versari

CampusIT

Section 2 - Programme Activity



November/December 2013

Sponsor/Board/Association Meetings

November

- 5th Internal Y3 project development discussions
- 19th Internal Communications Update
- 20th Academic Partner discussion re Y3 projects

December

- 2nd Commercial Strategy Meeting
- 3rd IP Committee Meeting
- 3rd Steering Board Meeting
- 10th Horizon 2020
- 10th EI Executive training
- 13th DonTaylor – Familiarisation session at Learnovate
- 17th Intel re sponsorship of hardware and project appraisal
- 18th Meeting with the new Innovation Director in TCD
- 18th Nikki O'Connor EI
- 19th Vice Provost visit

Section 2 - Programme Activity

November/December 2013

Industry Services

Generator

November

- 6th Morgan McKinley – Discuss Corporate Portal options
- 8th Kelmac – Discuss Corp Portal and Evade options around blended ISO solution
- 11th Licence negotiation for CJ Fallon project with TTO UCD
- 12th Chriss Mee Group discussion around Corporate Portal use with Health & Safety on-line learning opportunity
- 19th CJ Fallon Curation Tool licence meeting
- 21st CJ Fallon/Heystaks/Radii Curation Tool development
- 22nd Wriggle familiarisation with current licence options from Learnovate
- 22nd Licence discussion for CJ Fallon with TTO
- 25th Heystaks, CJ Fallon Licence and further opportunities

December

- 2nd CJ Fallon Curation progress meeting
- 13th CJ Fallon Curation discussion
- 18th Kelmac looking to licence Corporate Portal Q1 2014
- 19th Affero Lab, Brazil discussion of licencing and partnering.

Advance

November

- 4th ETU EI Voucher discussion
- 5th Microsoft Kevin Marshall – Collaborative Assessment
- 7th Jannison, H2, Microsoft – Collaborative Assessment
- 8th NCCA Assessment project discussion
- 12th Google discussion around Evade trial
- 20th ETU and ITN Source re EI Ination Voucher
- 27th Google further investigation of Potential around mining for expertise
- 28th ESB Launch of An Cosán project sponsorship

December

- 3rd – Riptide discussion over use of their current EI Voucher
- 9th – Novartis Meeting re various initiatives to be looked at in 2014
- 16th – An Cosan Launch meeting with the President
- 17th – Novartis follow up meeting

Industry Engagement Metrics Summary

Total engagements	55 (monthly av 27.5)
Total membership	39

Section 3 - Marketing Activity

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Section 3 - Marketing & Communications



November/December 2013

Website, Social Media

November

Twitter = 17 tweets

Linkedin = 2 posts

Blog = 2

December

Twitter = 19 tweets

Linkedin = 4 posts

Blog = 1

Articles

- El Technology Centre Brochure

Communications Review

- ½ day photoshoot to provide library of images for use across all collateral
- Design and development of Learnovate Leaflet