



Monthly Update

September/October 2013



Learning Innovation

AN ENTERPRISE IRELAND
& IDA IRELAND INITIATIVE

Section 1 - Core Research Activity

September/October 2013



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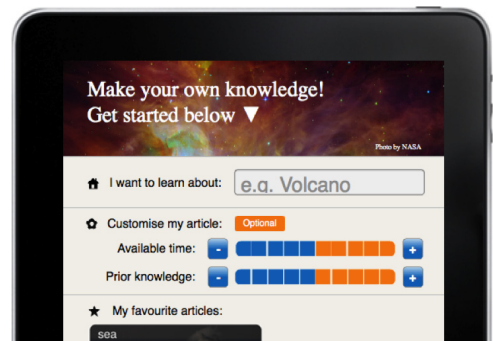
Section 1 - Core Research Activity

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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 complete solution.



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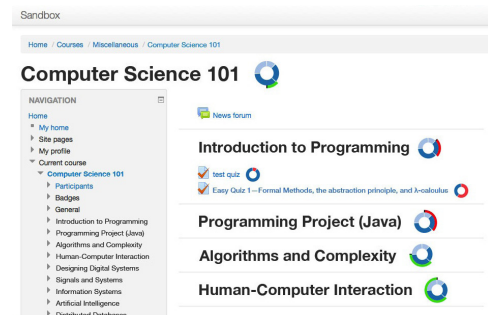
Learnovate Y2 Core Projects - Overview

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) – in progress
- 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

Completion Status – New Phase (post Sept)

Completion Planned	Completion Actual
Revised Content Search and Discovery Oct 25th	Complete for Oct 25th – meeting held and new approach approved
Open content whitelisting Nov 22nd	In progress and on schedule for Nov 22nd
Revised Personal Composition Strategy Nov 22nd	
App Store Preparation Nov 8th	Complete Nov 8th
App Store Submission TBD	TBD
Planned Trial and Evaluation	Actual Trial and Evaluation – under discussion

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Summary

- The ALMANAC project is currently one month over schedule and 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

- Project is now in final integration phase
- Stress testing and documentation are in parallel progress
- Trial & Evaluation has not yet started

Completion Status

Completion Planned (revised schedule May 2013)	Completion Actual
Planned integrated build completion September 30th	Actual integrated build is planned for completion November 15th
Planned testing completion September 30th	Actual Testing is in progress with 2 rounds of group testing complete planned for completion November 20th
Planned documentation completion September 30th	Documentation in progress
Planned Trial and Evaluation October - December	Actual Trial and Evaluation – under discussion – schools have been identified and trial plans are underway November – December (report writing 2014)

Summary

- Final group test of I-LEARN revealed several further weeks of Immersive Learning Environment (IME) technical work to ensure robust trial could take place
- This work has been complete and further group testing has been done
- Some final bug regression to be complete by Nov 15th which will be followed by a final group test prior to taking I-LEARN to trial in schools

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 continued through the project, whilst these will not impact on final delivery they have caused 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.

Section 1 - Core Research Activity

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EVADE - Update

Current Phase

- Project is now in final integration phase
- Stress testing and documentation are in progress
- Trial & Evaluation are unknown

Completion Status

Completion Planned (revised schedule May 2013)	Completion Actual
Planned integrated build completion August 23rd	Actual final integrated build was started in September, but issues with Big Data Knowledge Management Platform (KMP) have impacted on plan TBD
Planned testing completion August 30th	Actual Testing has iterated through version delivery and is ongoing due to additional KMP work November 22nd
Planned documentation completion September 30th	Documentation is 90% complete for Front End and Visualisation – awaiting final integration plans to complete. Documentation for Big Data KMP is in progress due for completion Nov 15th
Planned Trial and Evaluation October - December	Actual Trial and Evaluation – under discussion for 2014 Unknown

Summary

- Front End and Visualisation work is complete - meetings have been held with industry and trial partners who are happy with the work
- Trial plans and dates are under discussion for 2014
- Big Data KMP – was discovered during integration 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.
- A version of EVADE without KMP is working and undergoing testing with open data.

Issues and Impacts

- Data Dump was 7 weeks in delivery to the development team, so confirmation on what can 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

Section 1 - Core Research Activity



September/October 2013

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 – awaiting contract signing to commence
- Timeline – November – January
- <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

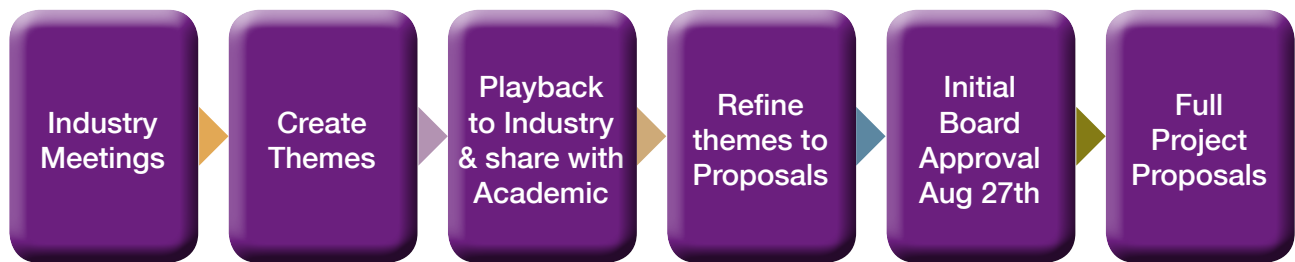
Gotcha Ninjas – Innovation Voucher

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

Section 1 - Core Research Activity

September/October 2013

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 will be held on November 20th
- Industry partner meetings will follow
- Initial desk studies will start in Q4 2013 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	9 month

Section 2 - Programme Activity

September/October 2013



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Section 2 - Programme Activity

September/October 2013

Industry Engagement

- 6th Sept. Lunchtime Series – Arthur Cox Data Protection Briefing – 12 Members attended
- 2nd Oct. Fishtree brought Chinese Government Representatives to the centre to review Learnovate approach also with view to potential collaboration
- 9th Oct. ISIN Breakfast Briefing, Learnovate presented.
- 11th Oct. Lunchtime Series – Innovation Partnerships

Membership

- 3rd Sept Meowtek
- 10th Sept FRS Recruitment
- 16th Sept Avaya
- 19th Sept David Heath
- 25th Sept BNY Mellon
- 4th Oct Terminal Four
- 8th Oct MaST
- 17th Oct Intuition
- 30th Oct Redwind

Members Signed

- Chris Mee Group
- City & Guilds Kineo
- Fishtree
- Novartis
- Simvirtua
- Steljes Ireland Ltd.
- VS ware
- Writing for Tiny

Sponsor/Board/Association Meetings

- 3rd Sept QUAD workshop to define brand position for Learnovate centre
- 4th Sept TCD School of Education
- 10th Sept Regina O’Keeffe EI Australia
- 19th Sept EI IRCC Presentation (did this happen?)
- 25th Sept EI Big Ideas Showcase
- 30th Sept CNGL 3 discussion
- 1st Oct Learnovate Presentation to EI Recruitment sector
- 2nd Oct TCD School of Education
- 22nd Oct Internal Team - Communications Briefing

Section 2 - Programme Activity

September/October 2013

Industry Services

Generator

- 2nd Sept Hayes Culleton – Explore possibilities for Corporate Portal
- 4th Sept Google review of Learnovate innovations with view to progressing
- 12th Sept Typetec
- 23rd Sept Hayes Culleton – further discussion on Corporate Portal
- 26th Sept Ralii discuss CJ Fallon project
- 30th Sept CJ Fallon looking at possibilities with Almanac
- 2nd Oct Novartis introductory meeting to review Learnovate projects and discuss opportunities
- 3rd Oct CNGL 2 launch
- 29th Oct An Cosán discussion around Corporate Portal
- 31st Oct CJ Fallon discussion on licensing the curation tool

Advance

- 2nd Sept An Cosán – discuss development of version of Corporate Portal for Higher Ed blended project
- 17th Sept Apierian – discuss two projects around motivation report and pedagogical review
- 16th Oct Apierian – meeting to progress two projects
- 16th Oct Empower the User – Discuss voucher opportunity around ITN video content
- 29th Oct An Cosán discussion around research project
- 29th Oct Gotcha Ninjas discussion around innovation voucher

Pathfinder

- 12th Sept Ralii to show developments for possible development
- 23rd Oct Ralii to discuss initiatives for product development around edtech 'learning to drive' concept

Industry Engagement Metrics Summary

Total engagements	40 (monthly av 20)
Total membership	35

Section 3 - Marketing Activity

September/October 2013



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Section 3 - Marketing & Communications

September/October 2013

Website, Social Media

September

Twitter = 16 tweets

Linkedin = 1 post

Blog = 1

October

Twitter = 21 tweets

Linkedin = 2 posts

Blog = 3

Articles

- CNGL Brochure
- TTO Promotional Foldout Brochure

Communications Review

- QUAD workshop held and positioning statement for the centre established.
- Website Visual redesign undertaken
- Centre Notebooks Designed and Developed
- Infographic to describe centre workflow developed
- 2 pull up stands designed and produced