

# ENHANCE LEARNERS' EXPERIENCE IN MOOC-BASED SCENARIOS USING INTELLIGENT TUTORING SYSTEMS AND LEARNING ANALYTICS

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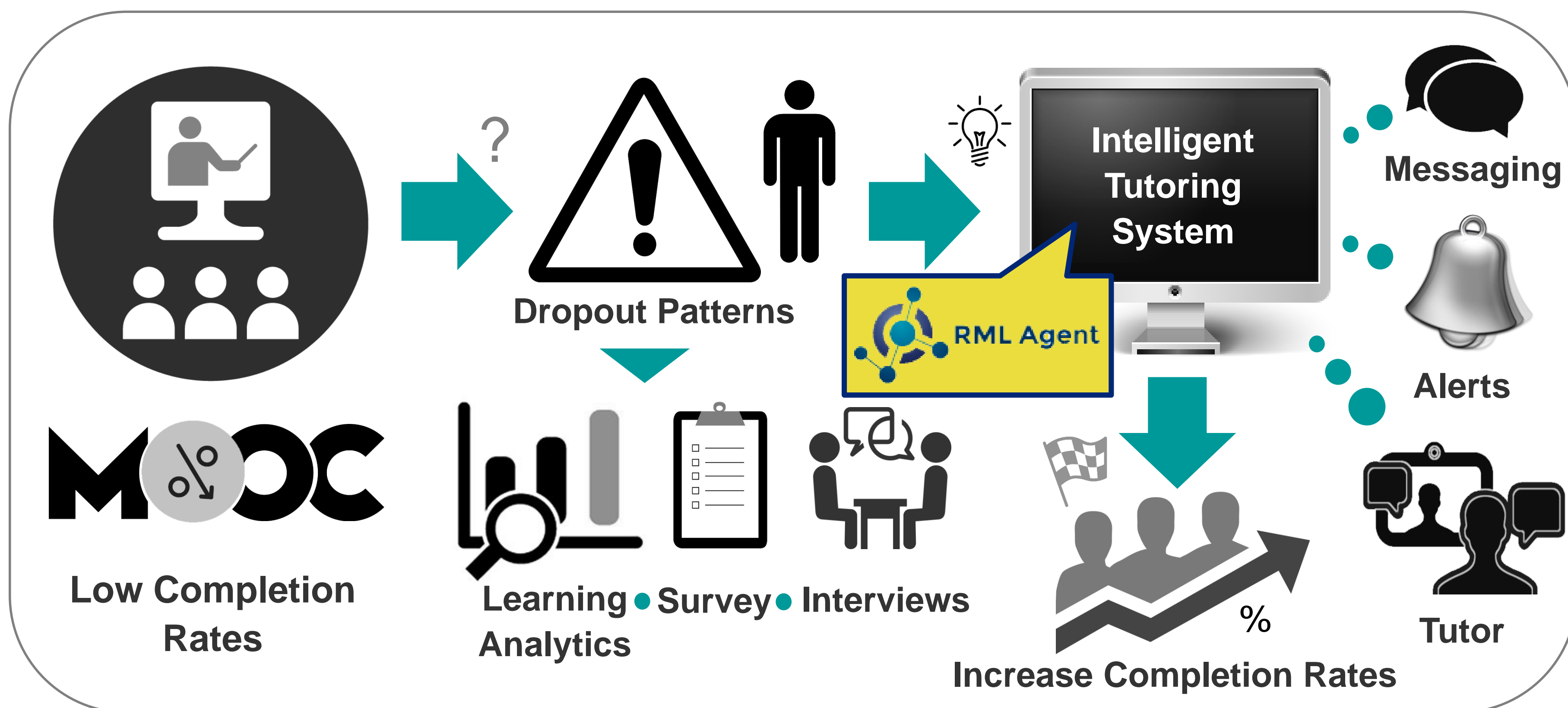


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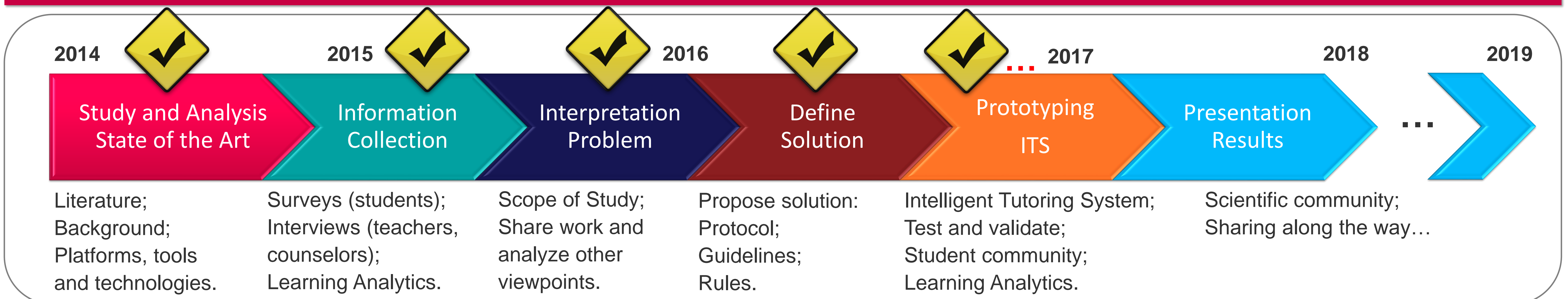
## Motivation



## Objectives

- Main objective is to **enhance learners' experience** and **reduce dropout rates** in MOOC-based learning scenarios;
- **Detect motives** and **behavior patterns** of students with **dropout thoughts**;
- **Define a protocol, guidelines** and **rules** for the creation and use of a functional ITS **prototype**;
- **Test** and **validate** the ITS, and with the knowledge of dropout patterns, **react** to a determined **profile**.

## Research Plan



## Third Year

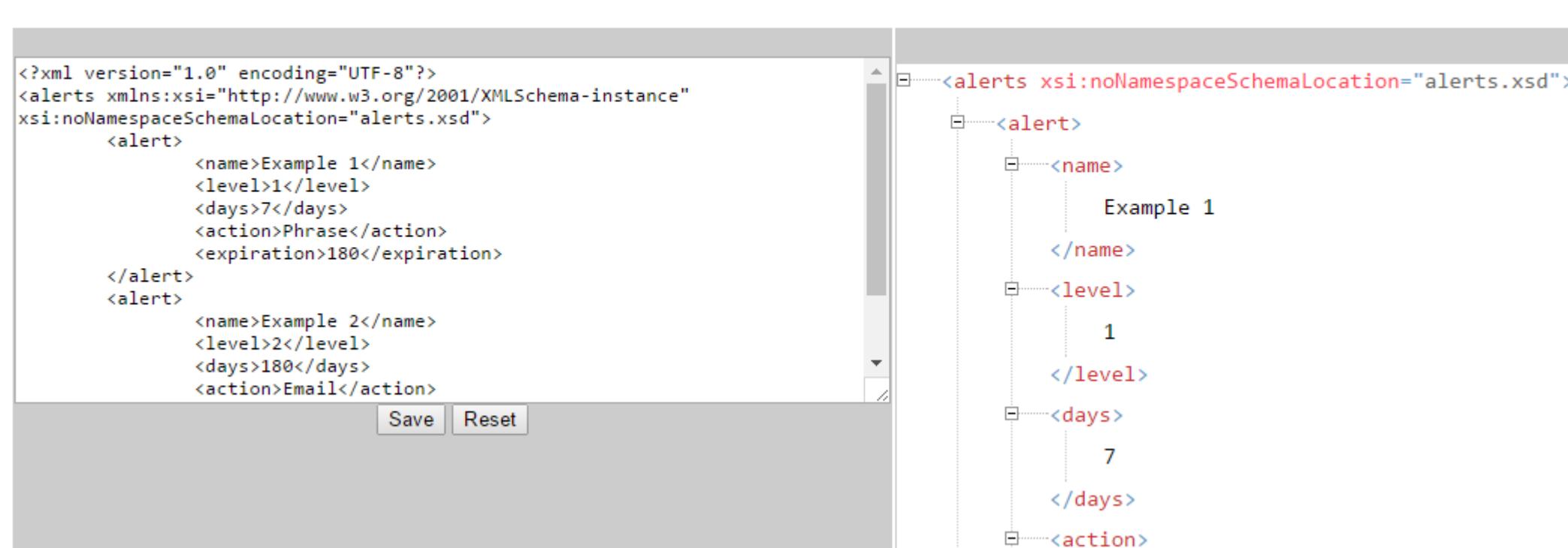
- Define a **solution**, in a theoretical form, that meets the needs identified above through the use of ICT technologies. Also aims to define a **protocol, guidelines** and **rules** for the creation and use of a functional **prototype** of the proposed solution.
- **Share the work**, to date and along this study, in **international conferences** and other scientific means to collect the impressions of different experts.

## Next Year Plan

- Attempt to **test** and **validate** the **prototype** in real educational scenarios and with real users that meet the defined objects.
- **Evaluation** of concepts by testing with the developed prototype will be pursued. Collect **statistical information** on the **effectiveness** of current MOOC-based learning scenarios. Compare this information with the generated with the proposal. The results will be analyzed objectively to discover the differences between both models and attempt to measure the effectiveness of education (completion and dropout rates) before and after the implementation of the proposed solutions.
- **Presentation** of the **results** to the **scientific community** using the usual means of communication for this object.



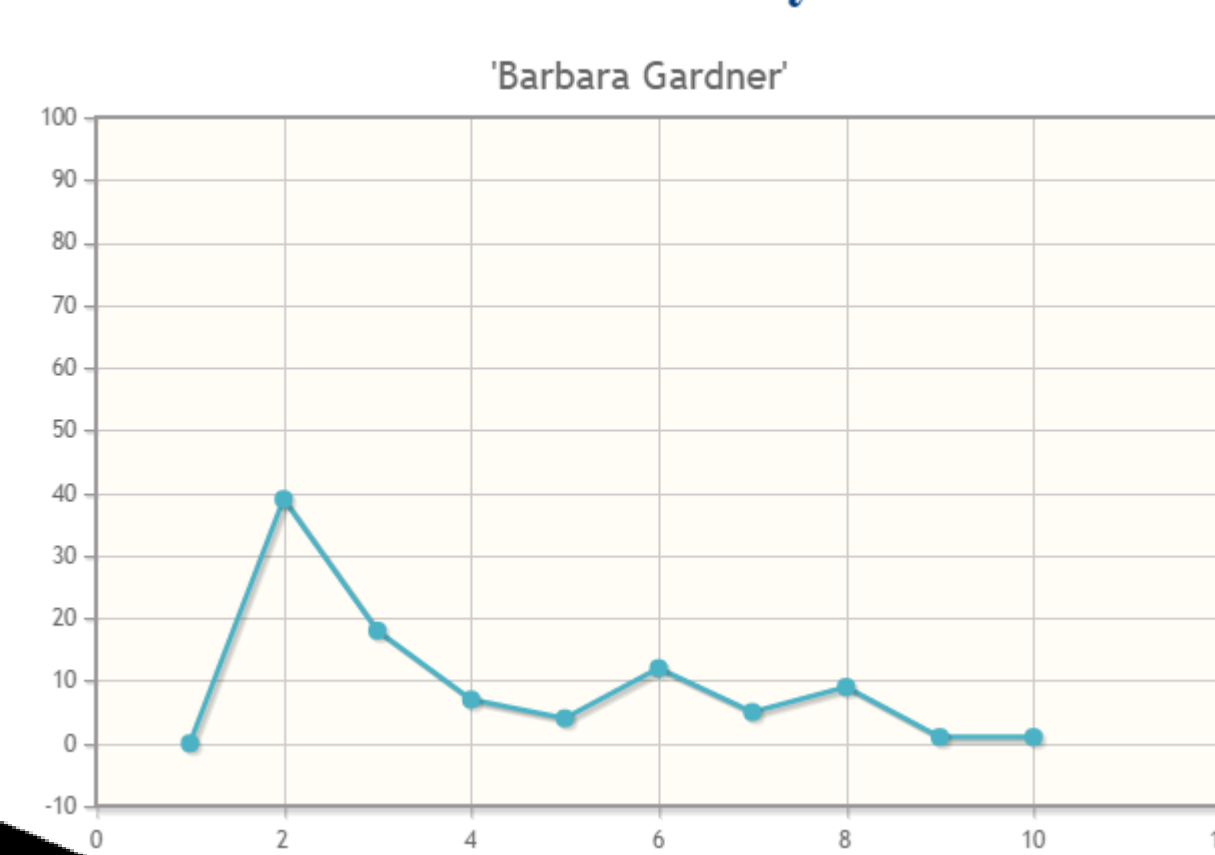
### ALERTS



### RESULTS - Example 2

User_full_name	LastTime
Admin User	2016-07-11
Susan Medina	2016-06-09
Eva Car	2016-05-29
Anna Alexander as Susan Medina	2016-05-28
Anna Alexander as Anna Alexander	2016-05-28
Greg Schmidt	2016-03-05
Amanda Hamilton	2015-11-23
Joyce Gardner	2015-06-13
Admin User as Angela Bennett	2015-05-21
Admin User as Admin User	2015-05-21

### Latest Activity



## References

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**MOOC**  
+ Intelligent Tutoring Systems  
+ Learning Analytics

