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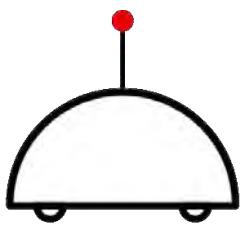
Más allá del LMS. Explorando los datos educativos en contextos web

Miguel Ángel Conde González

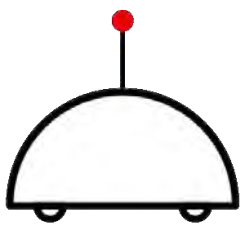


VNiVERSiDAD
D SALAMANCA

- Introducción
- Caso práctico CTMTC
- Caso práctico proyecto ILEDA
- Conclusiones



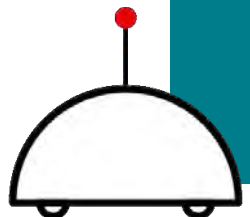
- **Introducción**
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¿Qué usamos para aprender?



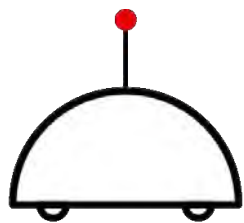
Entornos institucionales



Live logs from the past hour

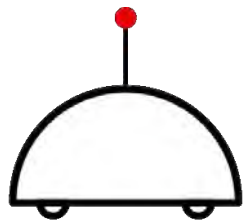
Displaying 25 records

Time	IP Address	Full name	Action	Information
Tue 5 September 2006, 01:33 AM	70.109.156.137	Teacher Demo	course report live	Moodle Features Demo
Tue 5 September 2006, 01:33 AM	128.173.54.50	Student Demo	resource view	How to install the Features
Tue 5 September 2006, 01:33 AM	128.173.54.50	Student Demo	course view	Moodle Features Demo
Tue 5 September 2006, 01:32 AM	128.173.54.50	Student Demo	hotpot view	3
Tue 5 September 2006, 01:32 AM	128.173.54.50	Student Demo	hotpot view	4
Tue 5 September 2006, 01:32 AM	128.173.54.50	Student Demo	hotpot view all	
Tue 5 September 2006, 01:32 AM	128.173.54.50	Student Demo	course view	Moodle Features Demo
Tue 5 September 2006, 01:30 AM	72.147.138.34	Admin User	calendar add	Test Results on Tuesady
Tue 5 September 2006, 01:30 AM	72.147.138.34	Admin User	forum view discussion	Linear Equations
Tue 5 September 2006, 01:29 AM	72.147.138.34	Admin User	course view	Moodle Features Demo
Tue 5 September 2006, 01:29 AM	72.147.138.34	Admin User	forum add discussion	Linear Equations
Tue 5 September 2006, 01:28 AM	72.147.138.34	Admin User	course view	Moodle Features Demo
Tue 5 September 2006, 01:25 AM	70.109.156.137	Teacher Demo	user view	Teacher Demo
Tue 5 September 2006, 01:25 AM	70.109.156.137	Teacher Demo	course report particip	4
Tue 5 September 2006, 01:18 AM	70.109.156.137	Teacher Demo	course report live	Moodle Features Demo

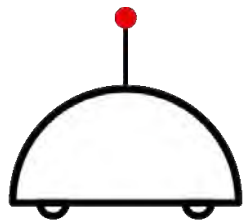




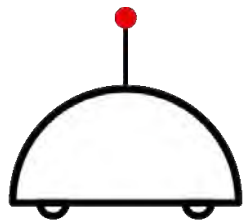
Learning Analytics



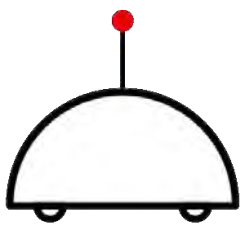
¿Solo usamos los LMS?



¿Entonces cómo hacemos?



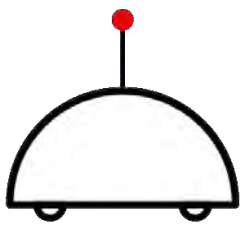
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Trabajo en equipo



Metodología – Caja blanca

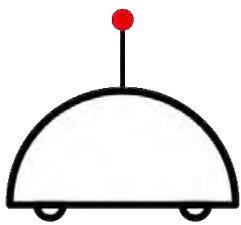


Metodología – Caja blanca

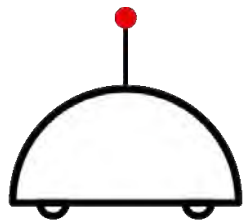


- FORMACIÓN EQUIPO
FORMING
- AGITACIÓN
STORMING
- NORMALIZACIÓN
NORMING
- EJECUCIÓN
PERFORMING
- ENTREGA
- DOCUMENTACIÓN

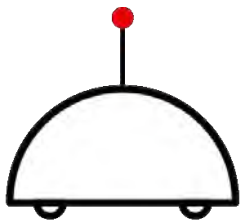
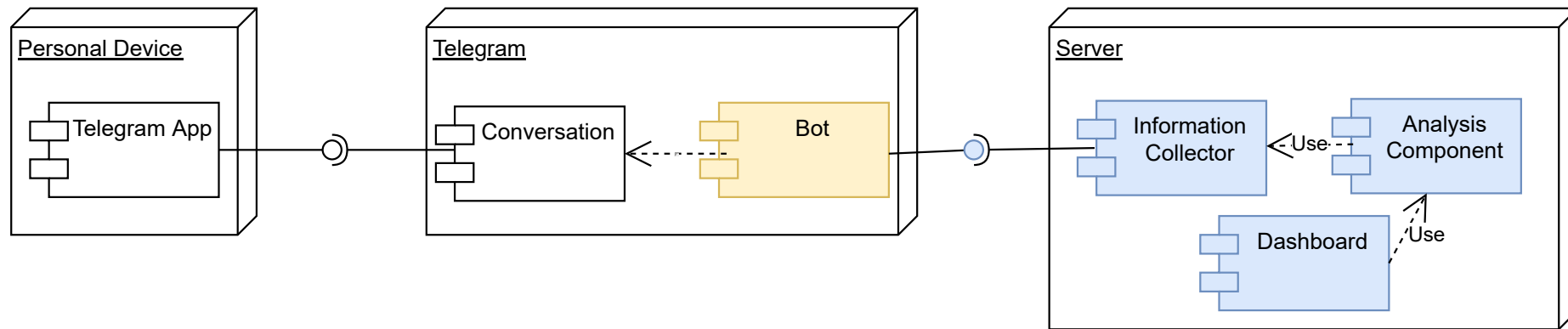
FASES
FORMACIÓN DEL EQUIPO
MISIÓN Y OBJETIVOS
NORMATIVA
MAPA RESPONSABILIDADES
SEGUIMIENTO Y COORDINACIÓN
PLANIFICACIÓN
EJECUCIÓN
DOCUMENTACIÓN
RESULTADOS



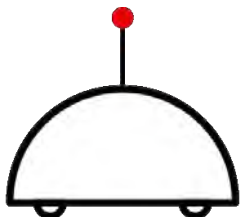
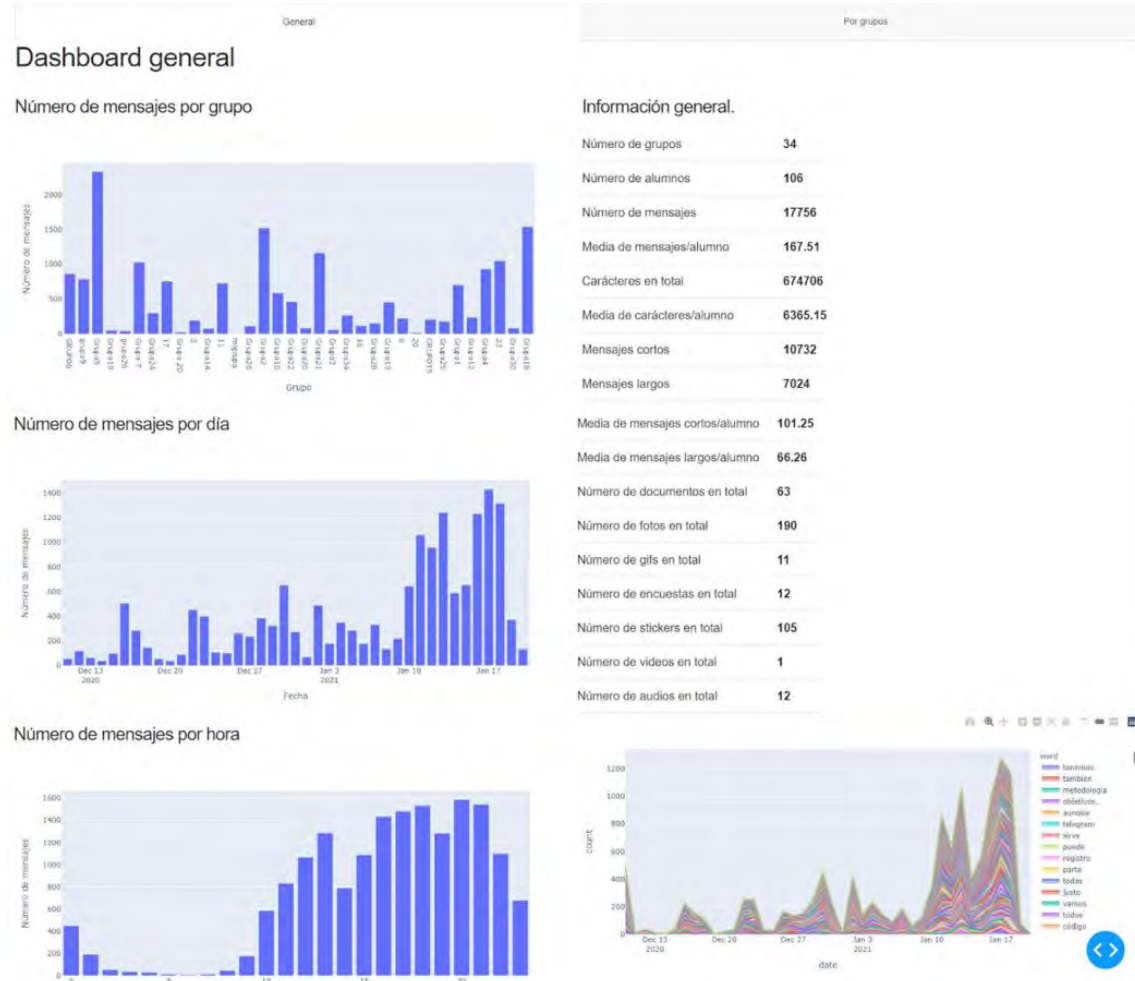
Metodología – Caja blanca



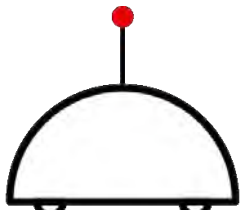
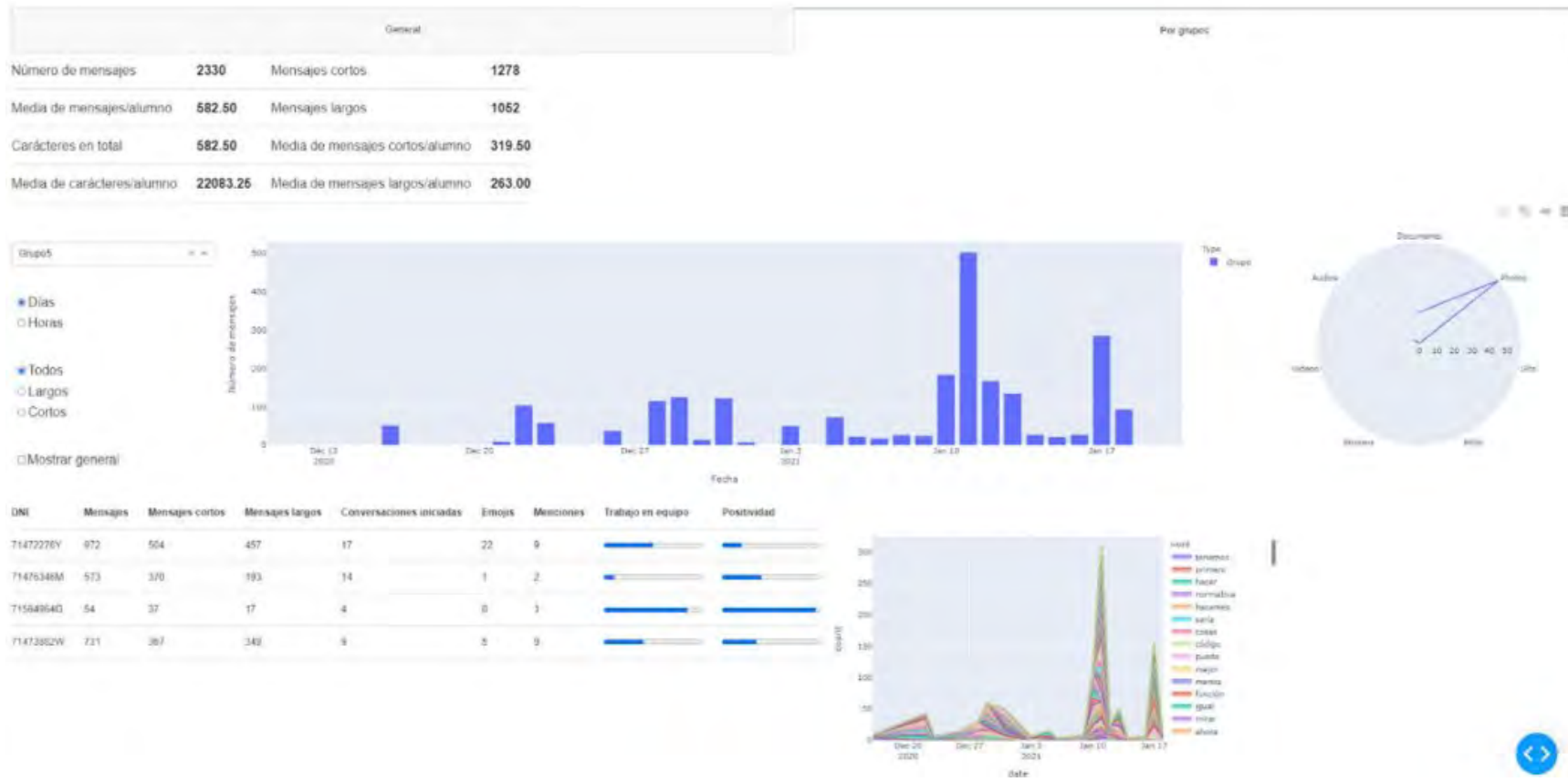
Deployment Diagram



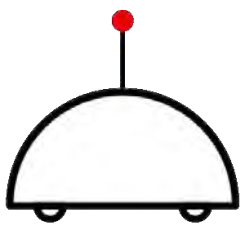
The dashboard in general



The dashboard for a group



- Introducción
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Herramientas



Adobe Stock | #354669190

Heterogeneity

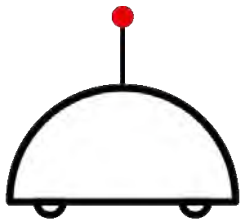


Solución común



Análisis

- Sistemas empleados
- Herramientas de LA disponibles
- Políticas de LA
- Políticas de acceso a datos
- Contexto de aplicación
- Ética
- Ayuda de expertos



Pilotaje

- 2 cursos por institución (PBL y Flipped Classroom)

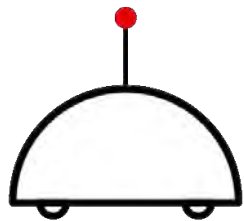
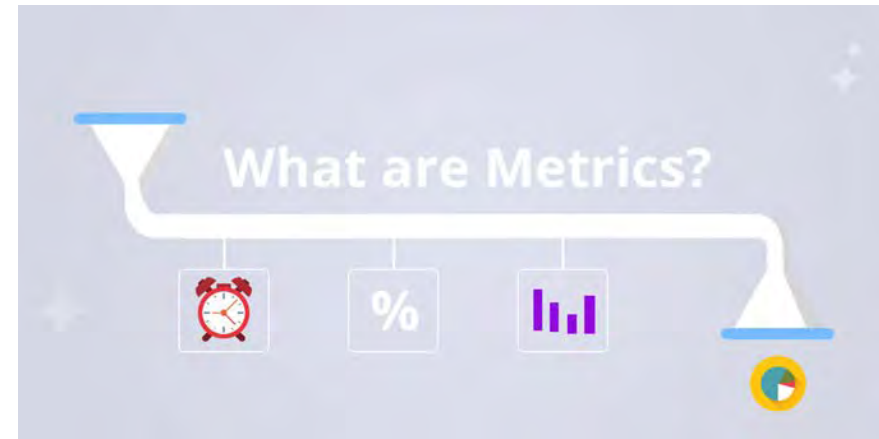
- 800 students

- Métricas

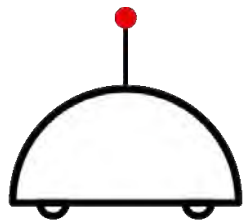
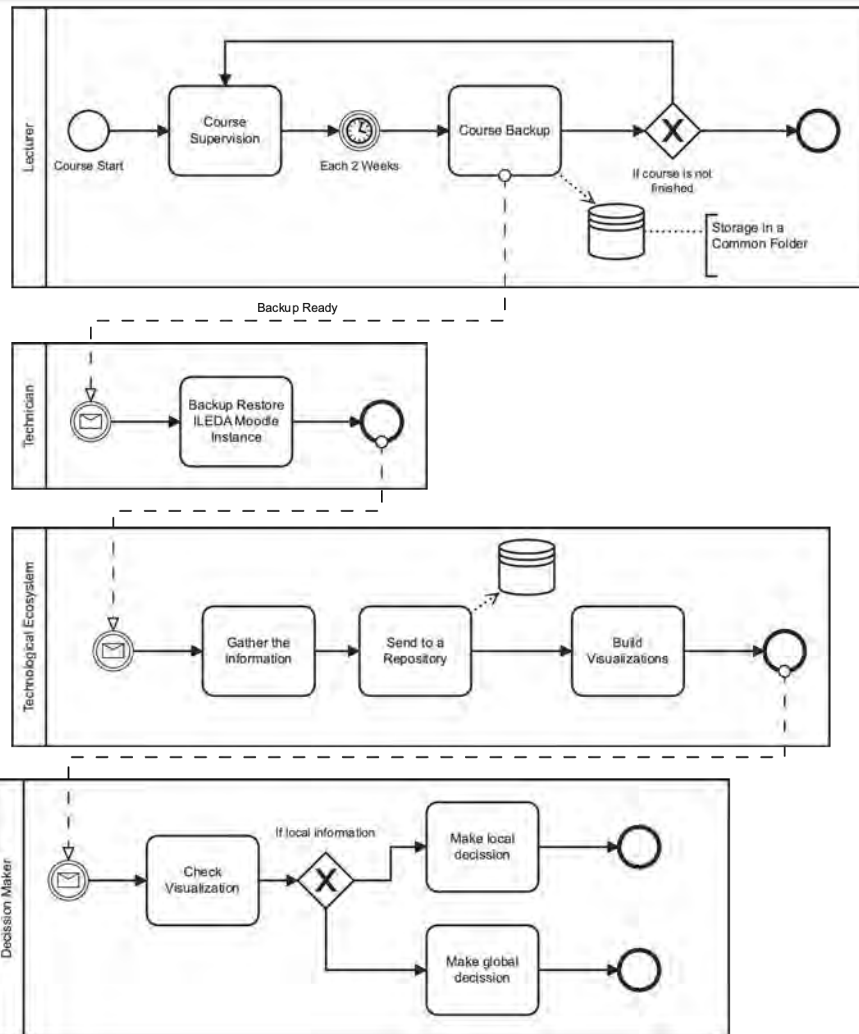
- Notas

- Uso de recursos (videos, documentos, actividades, material de lectura, etc.)

- Otros (inicios de sesión, tiempo de sesión, etc)



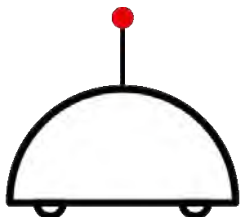
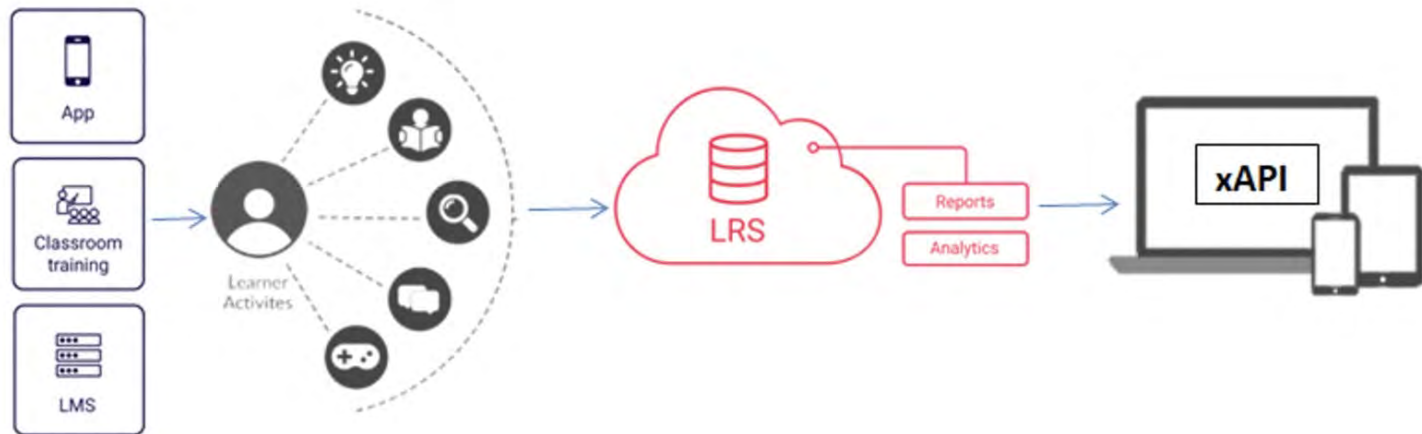
Procedimiento para usar el sistema



Solución Estándar



shutterstock.c



xAPI en el proyecto

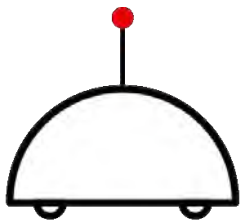
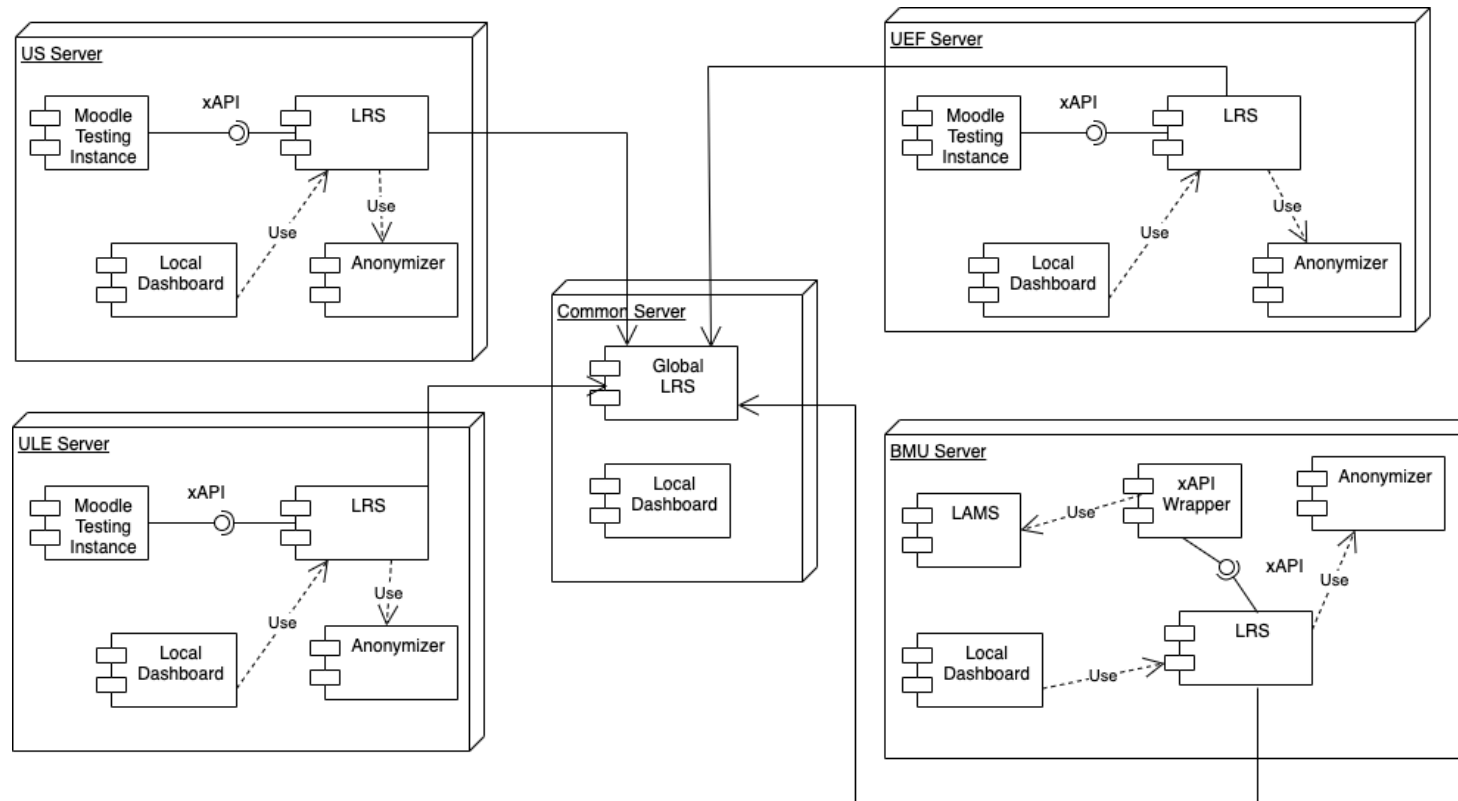
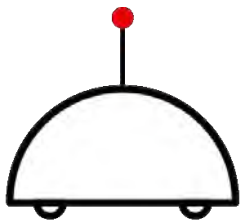
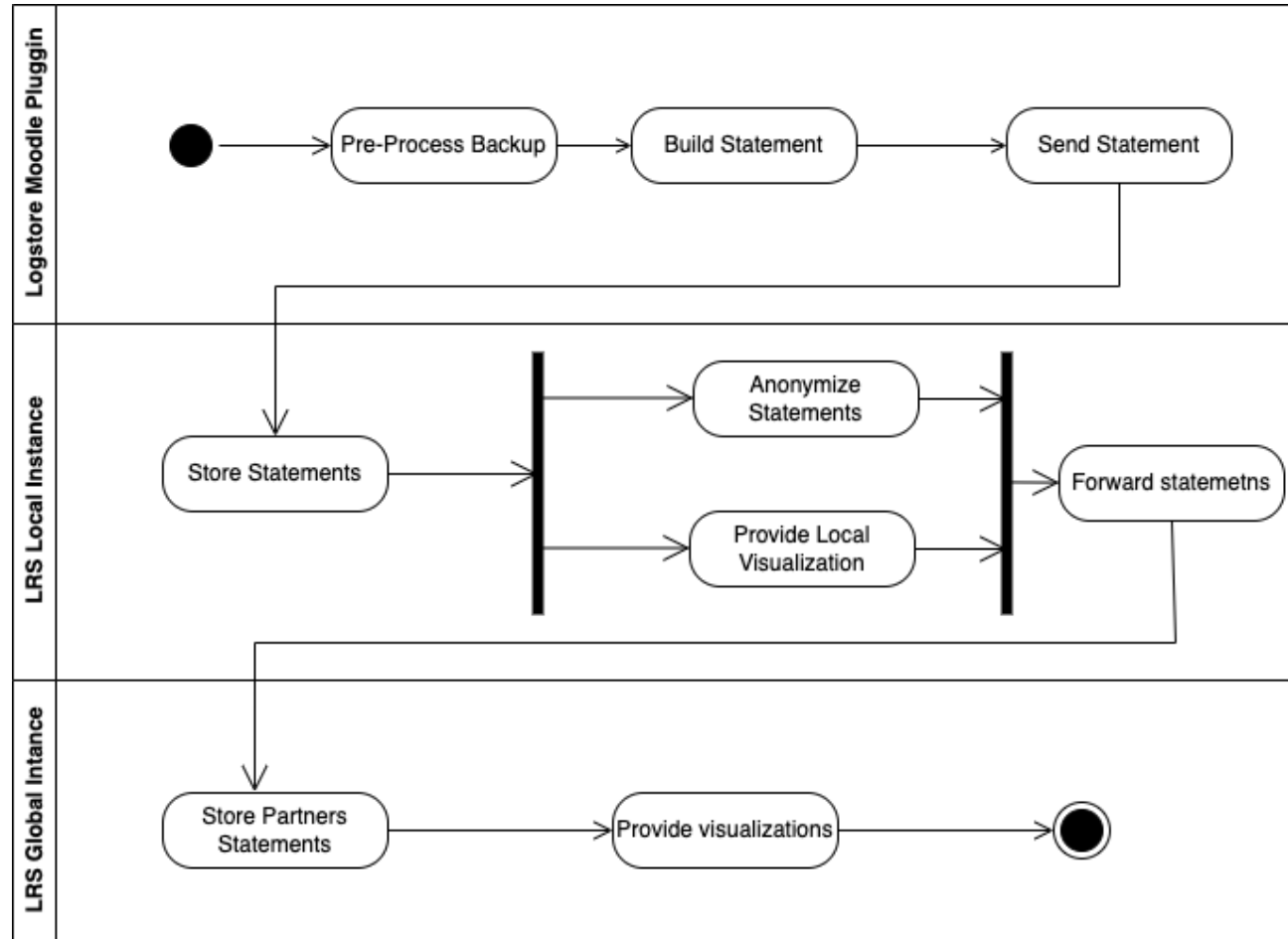
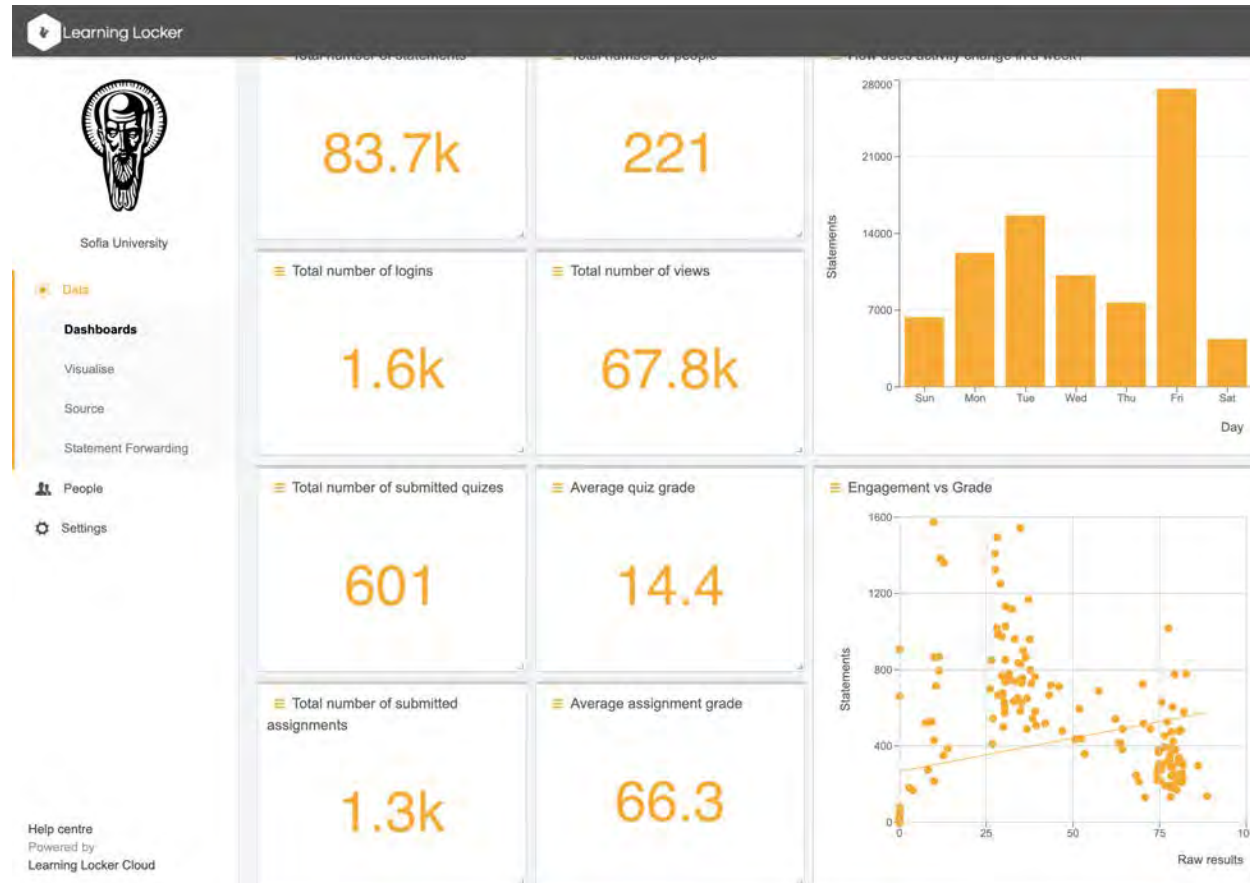


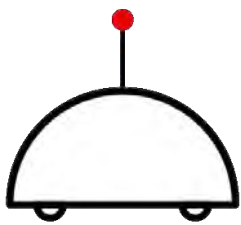
Diagrama de actividad



El dashboard del LRS



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Flexibilidad





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