

Lightweight E-book Access Platform

LEAP



4/20/2015

Welcome

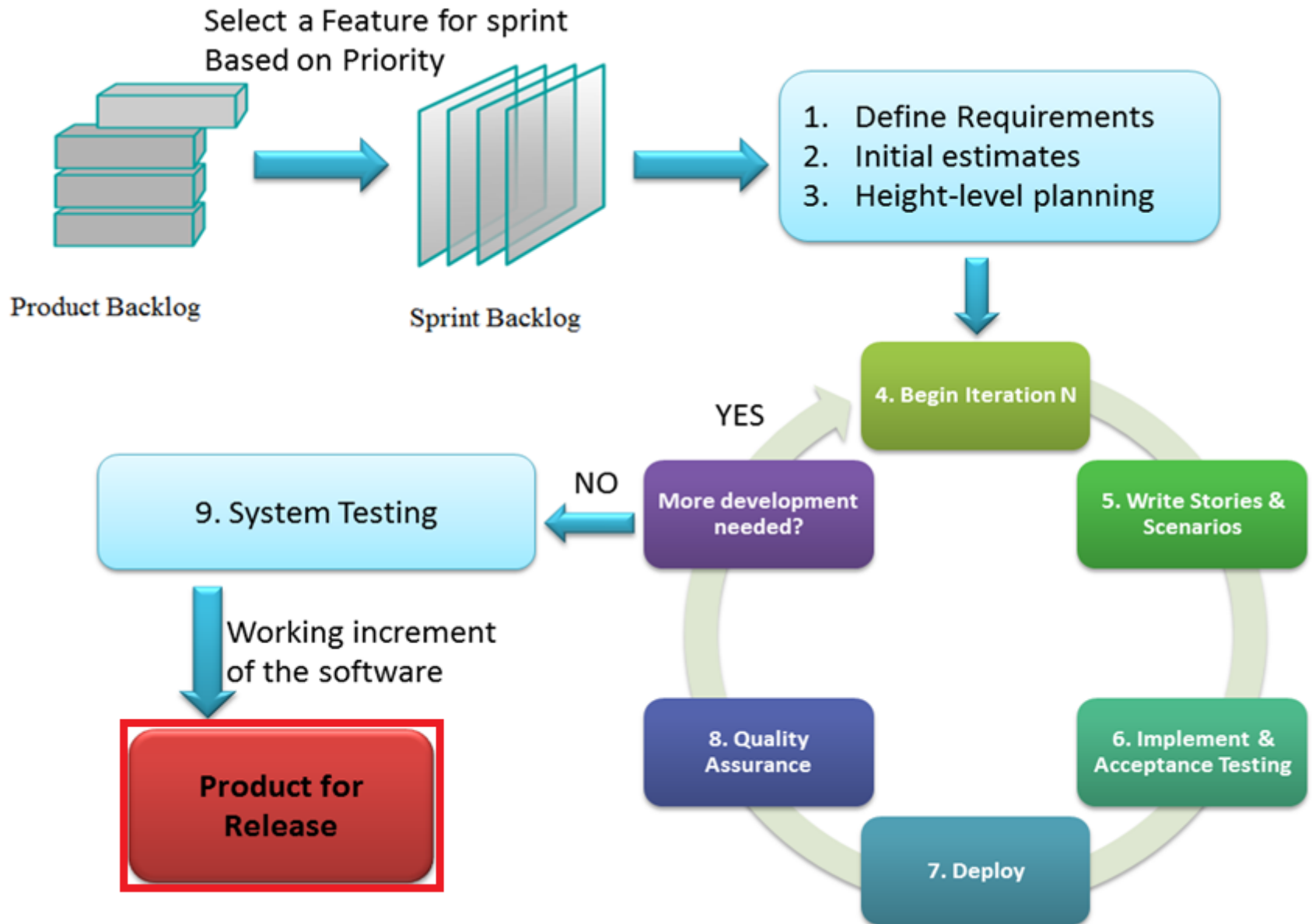
- Clients
 - Jen Cannell
 - J'aimé Pfeiffer

Introduction

- Garrett Allen- Team Leader
- Damian Crisafulli - Webmaster
- Josh McDonald - Database Administrator
- Amar Mian – Lead Programmer
- Justin Rousseau - Web Developer

Problem Definition

- No central point of access
- Difficult for students to remember login information
- Inconsistent interfaces



Sprint 4 and 5

- **Sprint 4** – Display and Checkout
 - Gale
 - Overdrive
 - Update database e-book information
- **Sprint 5** – Modify Accounts and Reset password

Data Dictionary Users and Books

- **Users:**
 - OD Username
 - OD Password
 - OD Authentication Code
 - Token
- **Books:**
 - EISBN
 - District
 - OD Identifier

Data Dictionary Districts

Data Name	Data Type	Data Type Size	Description	Applicable to	Acceptable Input	Example	Comments
name	varchar	1-32 characters	The unique identifying name for a district	Grabbing books unique to a user's district	string	Siena	
gale_username	varchar	1-32 characters	Username for the Gale reference library	Logging a user into Gale	string	g_username	can be null
gale_password	varchar	1-32 characters	Password for the Gale reference library	Logging a user into Gale	string	g_password	can be null
od_acct	varchar	1-4 characters	Overdrive Identifier	Logging a user into Overdrive	string		3215 can be null

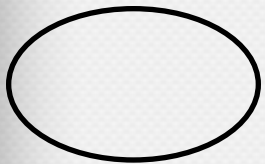
Data Dictionary Vendors

Data Name	Data Type	Data Type Size	Description	Applicable to	Acceptable Input	Example	Comments
name	varchar	1-32 characters	The unique identifying name for a vendor	Grabbing books unique to a user's available vendors	string	Gale	
active	bit	1	Indicates whether or not a vendor is in the "active" state	If we are pulling books from this website or not	bit flag	0	
username	varchar	1-32 characters	Username for the given vendor	Logging into the website to pull books	string	g_username	can be null
password	varchar	1-128 characters	Password for the given vendor	Logging into the website to pull books	string	g_password	can be null; If there is "password" in the field, sql will use RIJNDAEL 256 encryption

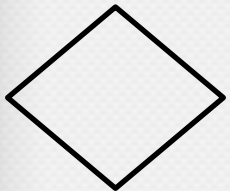
ER Diagram Legend



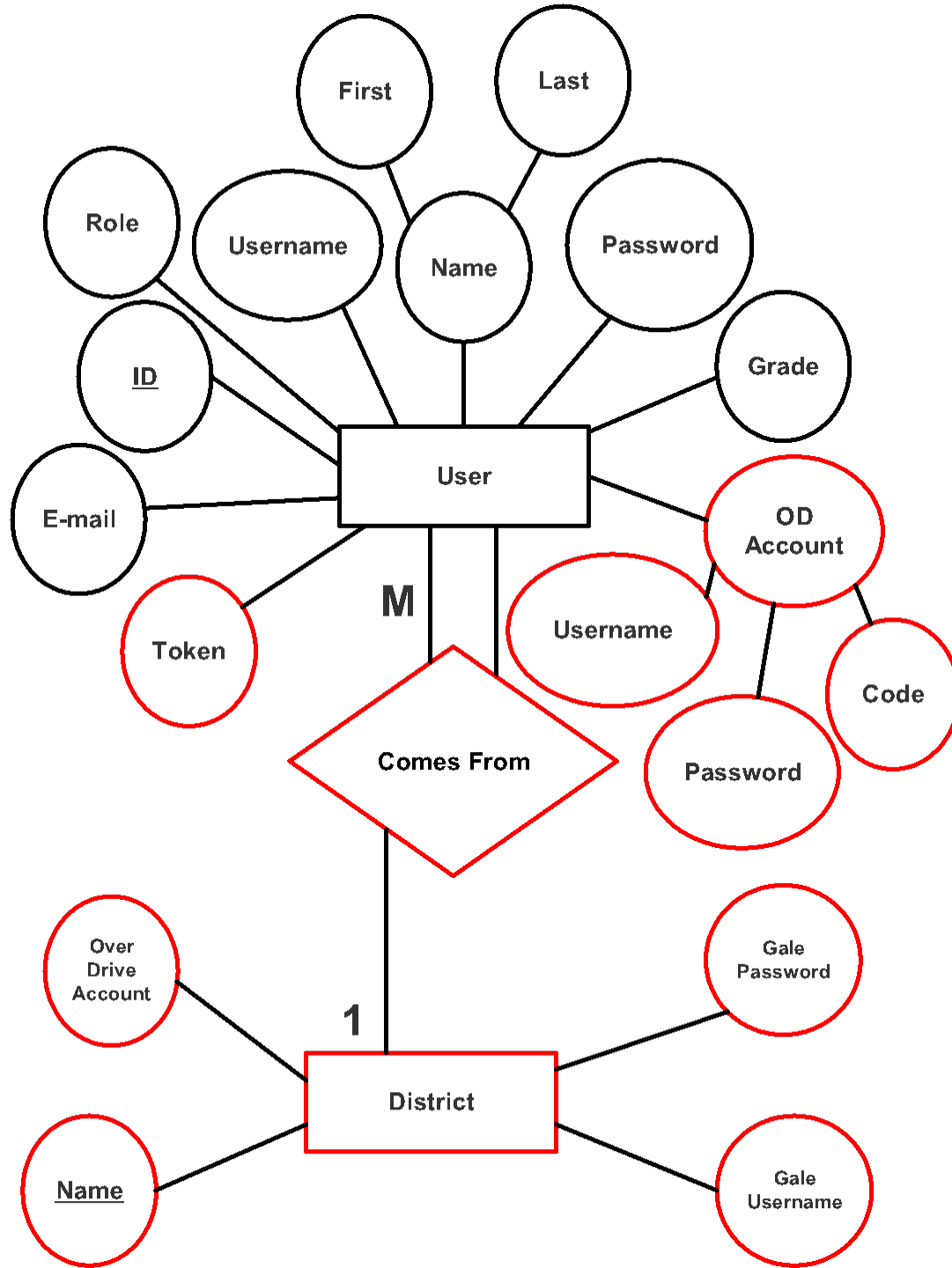
- **Entity-** Represents a table in the database

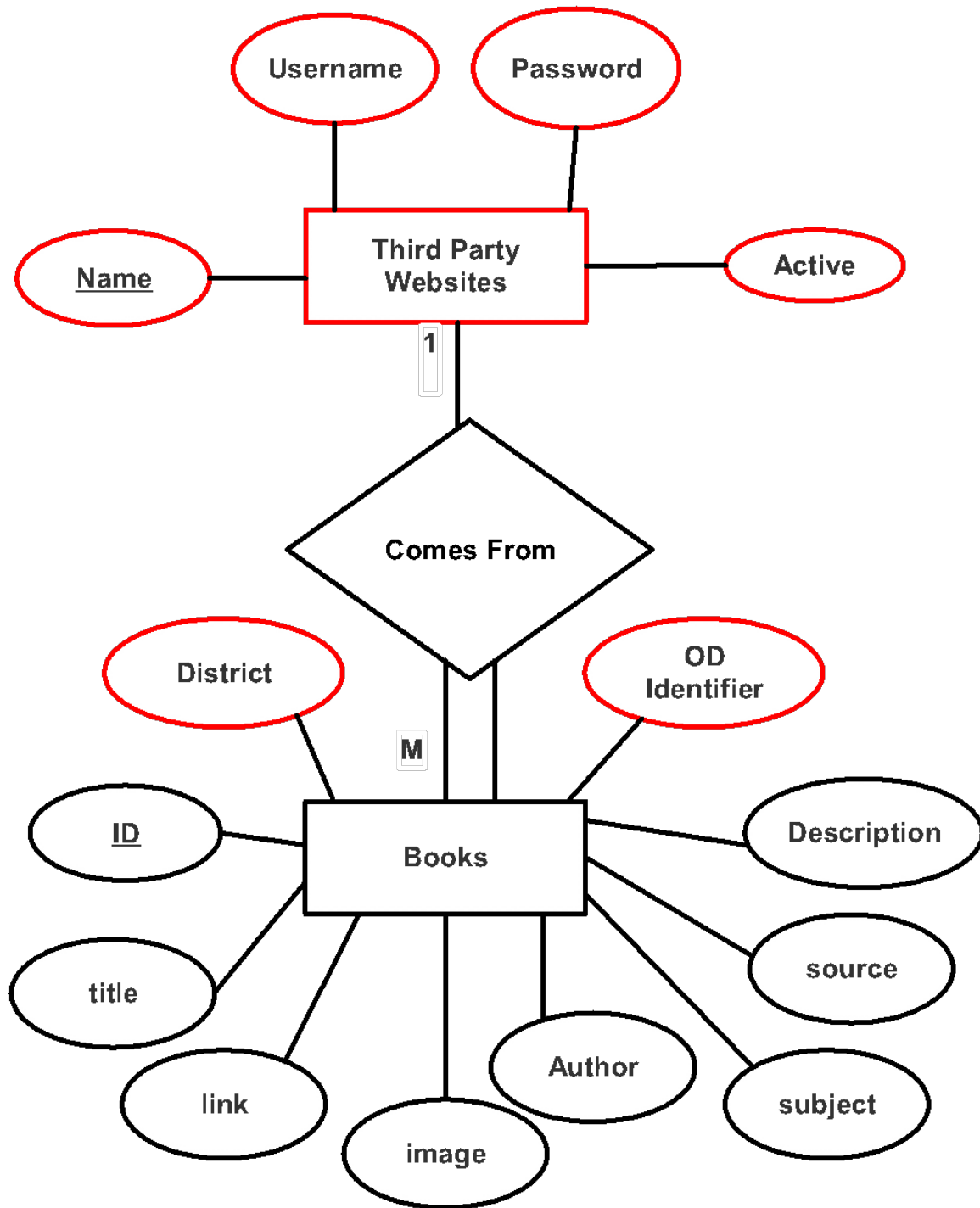


- **Attribute-** Represents a field part of an entity or relationship



- **Relationship-** Represents an interaction between two entities.





Sprint Test Results

- Display and checkout for OverDrive
- Display and checkout for Gale
- Modify and Add
 - Users
 - Districts
 - Vendors
- View Profile
- Reset Password

Functional Requirements

- Log in
- Display E-books
- Move to Check out
- Reset Password
- Modify Accounts
- Modify Third-party Websites
- **View Statistics**

Non-Functional Requirements

- Efficient
- User-friendly
- Compatible with Multiple Browsers
- Compatible with Mobile Devices
- Secure

Demo

Future Improvements

- **Sprint 6 – Statistics**
- **OverDrive**

Lessons Learned

- **Scope Creep- OverDrive**
- **Attention to detail**
- **Version control**
- **Team Dynamic**

Questions



3 Jack Reacher Novellas (with bonus Jack Reacher's Rules)



Author: Lee Child

Subject: Fiction

Description: ⓘ

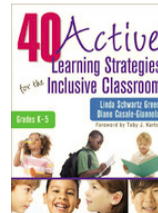
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[REDOWNLOAD](#) ☁

40 Active Learning Strategies for the Inclusive Classroom, Grades K-5



Author: Green

Subject: Education

Description: ⓘ

[View On GVRL](#) ☁

401 Practical Adaptations for Every Classroom



Author: Johns

Subject: Education

Description: ⓘ

[View On GVRL](#) ☁

[Show More Results](#)

Modify Accounts

[+ Add Record](#)

[Export](#)
[Print](#)

Show **10** entries Search:

User Name ^	Role ◇	Email ◇	First Name ◇	Last Name ◇	Distirct ◇	Grade ◇	Actions		
damian	Admin	dm21cris@siena.edu	Damian	Crisafulli	Hydrogen	Twelfth Grade	View	Edit	Delete
garrett	Admin	garrett@yopmail.com	garrett	allen	master		View	Edit	Delete
joshm	Admin	jj21mcdo@siena.edu	josh	mcdonald	Hydrogen	Twelfth Grade	View	Edit	Delete
student	Older Student		sal	baisley	Hydrogen	Third Grade	View	Edit	Delete
student1	Older Student	student@yopmail.com	student	student	Hydrogen	Seventh Grade	View	Edit	Delete
student3	Younger Student	younger@yopmail.com	jim	matthews	Hydrogen	Kindergarten	View	Edit	Delete
teacher	Teacher		paul	barany	Hydrogen		View	Edit	Delete
teacher2	Teacher	teacher@yopmail.com	mrs	teacher	Hydrogen		View	Edit	Delete

[Clear filtering](#)

Displaying 1 to 8 of 8 items
[First](#)
[Previous](#)
[1](#)
[Next](#)
[Last](#)

Modify Accounts

Edit Record	
User Name* :	<input type="text" value="joshm"/>
Password* :	<input type="password" value="....."/>
Role* :	<input type="text" value="Admin"/> x ▾
Email :	<input type="text" value="jj21mcdo@siena.edu"/>
First Name* :	<input type="text" value="josh"/>
Last Name* :	<input type="text" value="mcdonald"/>
Distirct* :	<input type="text" value="Hydrogen"/> x ▾
Grade :	<input type="text" value="Twelfth Grade"/> x ▾
Od username :	<input type="text"/>
Od password :	<input type="password"/>
<input type="button" value="Update changes"/> <input type="button" value="Update and go back to list"/> <input type="button" value="Cancel"/>	