

Privacy and Decentralization II

Information Privacy with Applications

David Sidi (dsidi@email.arizona.edu)

From Last Time: Third Party Sharing
(superusers, Brightspace, Google Tag Manager,
ElasticSearch, AppDynamics)

Edit Navbar

Name *

A - Default Course Home - Copy

» Edit description

Links

Course Home

Content

Library Tools

Course Additions

Add Links

☐ Enable Icon-Based Navbar

Theme



More Options

» Change the title in the navbar

Save and Close

Save

Create Custom Link

☒ Limit to specific roles

Only the selected roles will be able to view the custom link

- ☐ Guest
- ☐ Administrator
- ☐ Dem Course My Home
- ☐ Dem Department Casca
- ☐ Dropped
- ☐ Employee
- ☐ Grader All Sections
- ☐ Award Reviewer
- ☐ Grader Specific Sections
- ☒ Instructor
- ☐ Instructor Competency
- ☐ AutoEnroll(SASQ)
- ☐ VitaSource Rostering
- ☐ Instructor Read Copy
- ☐ Instructor No Names
- ☐ Instructor DEPT
- ☐ Instruct Consultant
- ☐ Eller Instructor Consultant
- ☐ Eller ACCT Precept.
- ☐ Site DEM/Instructor
- ☐ Instructor Read Only
- ☐ Eller Staff Support
- ☐ Auditor
- ☐ OIA Student Worker
- ☐ ODL Student Worker QM Review
- ☐ ID Developer
- ☐ ID Developer(no cascade)
- ☐ Preceptor
- ☐ Student
- ☐ StudentNoEmail
- ☐ Student Change PW
- ☐ Student - DRC Access
- ☐ Student Extra Enroll
- ☐ Student See Inactive
- ☐ Support Staff
- ☐ TA All Sections
- ☐ TA Specific Sections
- ☐ Waiting Student
- ☐ WaitStudentNoEmail
- ☐ Student Hidden
- ☐ PeopleSoft SA
- ☐ DCC
- ☐ Twilight
- ☐ DataHub Admin
- ☐ Dem DRC
- ☐ Deleted Roles
- ☐ Nursing Admin Cascad

Create

Close



Manage Applications

Apps connected to your account

You've authorized the following applications to act on your behalf.

Zoom Calendar UA



The following permissions have been granted to Zoom Calendar UA:

Resource	Permissions
core	All permissions (*)

Remove App



ESOC 495 FA21 001

Announcements

Hello, and welcome!

Posted Aug 20, 2021 1:48 PM

Welcome to Information Privacy with Applications. D2L is used only for grading purposes in this course, but please keep an eye out for an email to your university account with details for accessing the course website and related resources.

We have a tremendous semester planned, with a few different options to make it fit the class's background and interests. I look forward to meeting you!

- David

[Show All Announcements](#)



TRUSTED	...arizona.edu
TRUSTED	...brightspace.com
DEFAULT	...es.io
DEFAULT	...eum-appdynamics.com
DEFAULT	...googletagmanager.com

Calendar

Thursday, November 18, 2021

Upcoming events

NOV 21 11:59 PM
Assignment 8 -
Anonymity - Due

In the browser
(client-side)



Google Analytics



google-analytics.com/collect



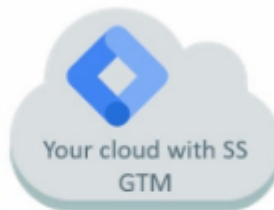
In the browser
(client-side)



Google Analytics



data.yoursite.com/collect

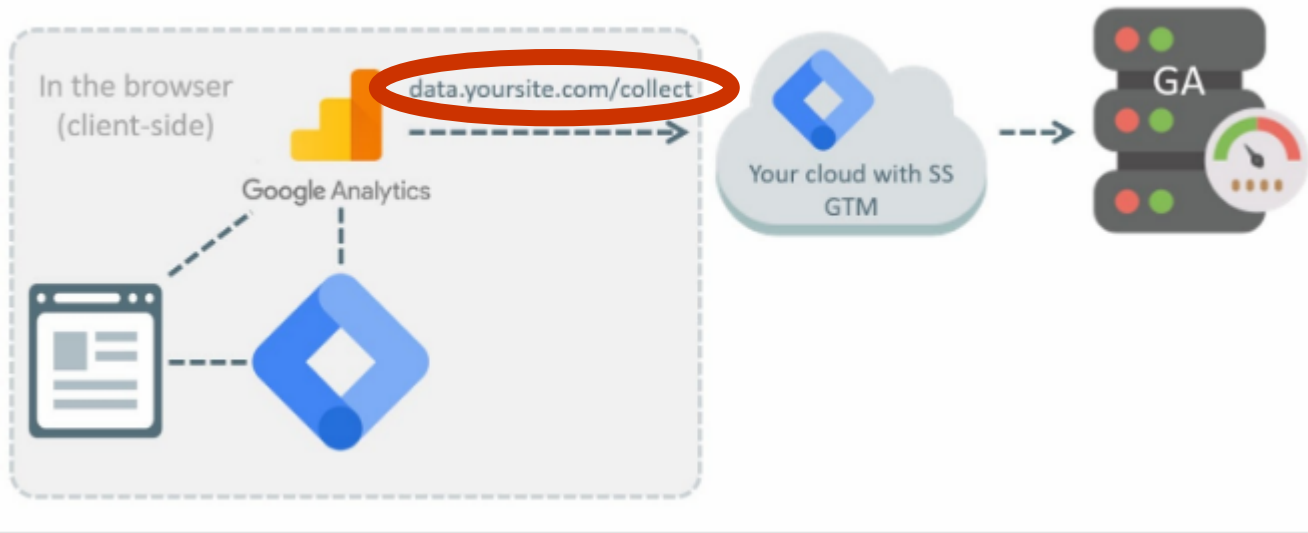


In the browser
(client-side)



ad blockers allow first-party
subdomains

In the browser
(client-side)





THE UNIVERSITY
OF ARIZONA

ESOC 495 FA21 001



David Sidi



Course Home

Content

Assignments

Discussions

Quizzes

Grades

Classlist

UA Tools ▾

Library Tools

Course Admin

More ▾

Manage Quizzes

Question Library

Statistics

LockDown Browser

Help

New Quiz

Edit Categories

More Actions ▾

View:

By Category ▾

Apply



Bulk Edit

☐	Without Category	Published
☐	PhonyTest- Requires Respondus LockDown Browser ▾	-



Course Home

Content

Assignments

Discussions

Quizzes

Grades

Classlist

UA Tools ▾

Library Tools

Course Admin

More ▾

Manage Quizzes

Question Library

Statistics

LockDown Browser

[? Help](#)

New Quiz

Edit Categories

More Actions ▾

View:

By Category ▾

Apply



Bulk Edit

☐	Without Category	Published
☐	PhonyTest- Requires Respondus LockDown Browser	-

○ Respondus



HELP CENTER

Terms of Use/End User License Agreement - LockDown Browser

Terms of Use/End User License Agreement - LockDown Browser

BY CLICKING THE ACCEPTANCE BUTTON OR INSTALLING OR USING THE LOCKDOWN BROWSER SOFTWARE ("SOFTWARE"), THE INDIVIDUAL OR ENTITY LICENSING THE SOFTWARE ("LICENSEE") IS CONSENTING TO BE BOUND BY AND IS BECOMING A PARTY TO THIS END USER LICENSE AGREEMENT ("AGREEMENT"). IF LICENSEE DOES NOT AGREE TO ALL OF THE TERMS OF THIS AGREEMENT, THE BUTTON INDICATING NON-ACCEPTANCE MUST BE SELECTED, AND LICENSEE MUST NOT INSTALL OR USE THE SOFTWARE.

AS USED IN THIS AGREEMENT, "RESPONDUS" and "LICENSOR" SHALL MEAN RESPONDUS, INC.

1. LICENSE GRANT. Licensor gives you a personal, worldwide, non-assignable and non-exclusive license to use the Software provided to you by Respondus. This license is for the sole purpose of enabling you to use and enjoy the benefit of the Software as provided by Respondus, in the manner permitted by the terms of the Agreement.

You may not, and you may not permit anyone else to, (i) copy, modify, translate, create a derivative work of, reverse engineer, decompile or otherwise attempt to extract the source code of the Software or any part thereof; (ii) remove or alter any trademark, logo, copyright or other proprietary notices, legends, symbols or labels in the Software; or (iii) publish any results of benchmark tests run on the Software to a third party, unless this is expressly permitted or required by law, or unless you have been specifically told that you may do so by Respondus, in writing. This Software is intended only for use with a properly licensed, third-party learning management system (LMS).

Unless Licensor has given you specific written permission to do so, you may not assign (or grant a sub-license of) your rights to use the Software, grant a security interest in or over your rights to use the Software, or otherwise transfer any part of your rights to use the Software.

2. SOFTWARE. The Software is only available via an electronic download. This license does not grant to Licensee any right to receive from Respondus hard-copy documentation, support services, or enhancements or updates to the Software.

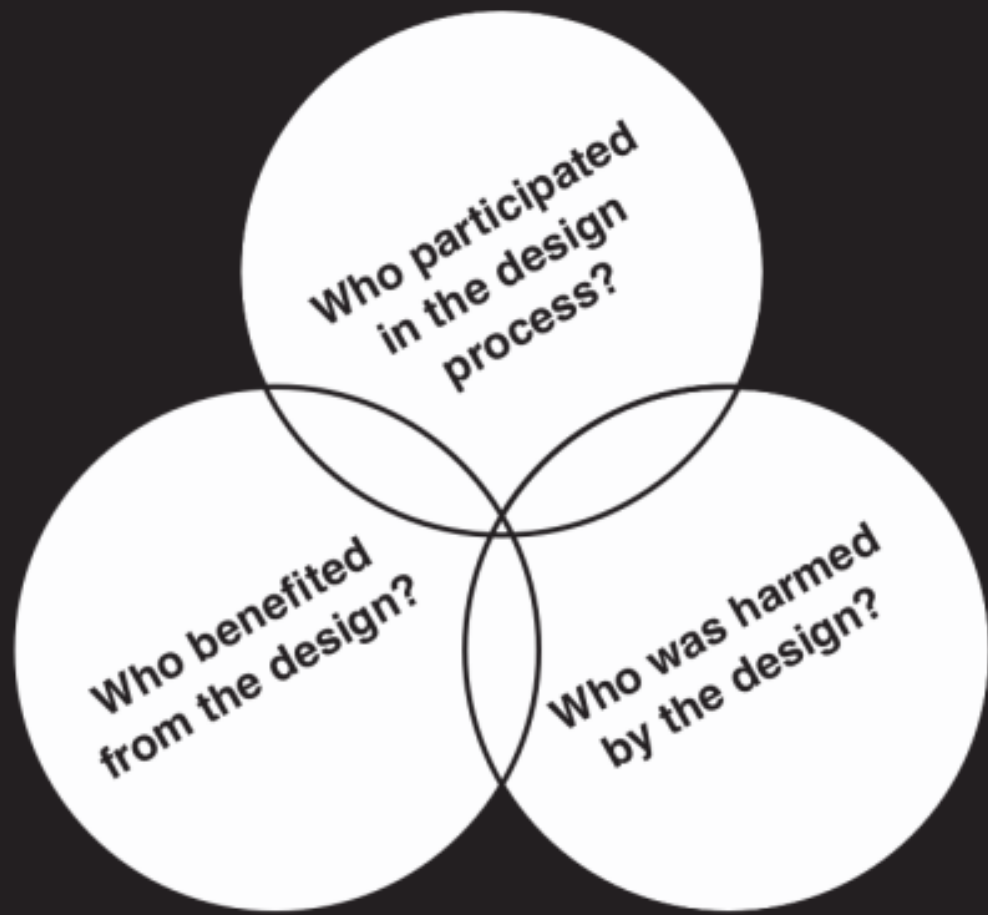
3. TERMINATION: This license Agreement shall terminate automatically if you fail to comply with the limitations described in this Agreement. No notice shall be required from Licensor to effectuate such termination. Upon termination, you must destroy all copies of the Software.

4. PROPRIETARY RIGHTS. Title, ownership rights, and intellectual property rights in the Software and Documentation shall remain in Respondus and/or its suppliers. Licensee acknowledges such ownership and intellectual property rights and will not take any action to jeopardize, limit or interfere in any manner with Respondus' or its suppliers' ownership of or rights with respect to the Software. The Software is protected by copyright and other intellectual property laws and by international treaties. Title and related rights in the content accessed through the Software is the property of the applicable content owner and is protected by applicable law. The license granted under this Agreement gives Licensee no

PET Design:
Platform Cooperatives for Community
Organizations

the developer-user dichotomy

***the
“participatory turn”
in design***







PRIVACY

Privacy Engineering Superheroes

By Lea Kissner, Lorrie Cranor

Communications of the ACM, November 2021, Vol. 64 No. 11, Pages 23-25

10.1145/3486631

[Comments](#)

Credit: Shutterstock

engineering has emerged as a growing discipline focused on finding practical and often technical solutions to privacy protection. Organizations hire privacy engineers to develop privacy-protective products and services, build tools to promote and monitor privacy compliance throughout their organization, and to detect and remediate privacy problems. Privacy engineers may play a holistic role or focus on specific areas such as front-end, back-end, user experience, product management, or legal compliance.¹

One of us (Lea Kissner) is a privacy engineering practitioner who has led privacy engineering teams at four companies, and one of us (Lorrie Cranor) has spent almost 20 years in academia and now co-directs an academic program to train privacy engineers.² Over dinner a few years ago, Kissner complained about the lack of a venue for privacy engineering practitioners to discuss their problems and solutions and learn about research that could be applied to their

Does your organization want to offer cookie choices without annoying popups? Do you want to share sensitive data in aggregate form without risking a privacy breach? Do you want to monitor data flows to ensure personal information does not end up in unexpected places? What if personal information does leak out and now you need to clean up the mess? Do you want to do this in the messy, failure-prone world of a large system? Who ya gonna call? How about a privacy engineer!

The privacy profession is dominated by lawyers—who certainly play a critical role—but privacy engineers are often the real superheroes when things go wrong, and essential to preventing privacy disasters. Privacy

TXTmob



TXTmob
"nw mor thn evr"

www.txtmob.com

unmarked “users”

identifying specific
stakeholders and their
roles in the platform



Abstract modeling of lived experience is a poor substitute

- personas
- threat modeling driven by stakeholder analysis
- iterative feedback and redesign with real-world users after product launch

also poor? envisioning cards

“real users” vs. potential users

tension between lean product development/agile
for real user feedback, and privacy by design

inclusive practices of design

involving a community in design: identifying
collective information practices

VS.

involving design in a community: identifying where
design contributes to community-defined
problems

choosing an approach to privacy design

PET design as
security, control, practice (Gurses)
community organizing (Costanza-Chock)

Governance