

**INTACT**  
**Brown CS Capstone project**  
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**Spring 2018**

For her Capstone, Elena led a team of students in *CS1320: Creating Modern Web Applications*, in building a web application.

Intact is a web platform that aims to support victims of interpersonal violence and domestic abuse. Intact is a free and accessible web application that allows users to read articles and take quizzes related to the topic of domestic abuse, and to journal their thoughts and emotions in a secure, online smart-journal. Therefore, Intact has two components: organizational ('Organize') and education ('Learn').

'Organize' entails helping users collect information relevant to their situation in a meaningful way, through specified secure journaling tool. The 'Organize' section of Intact is end-to-end encrypted, as the data that users upload is very sensitive.

'Learn' entails providing users with knowledge they need, in accessible form of short articles and videos. Much of that content was made in Create for Social Change, a group independent study that Elena led in the 2017-2018 academic year. The project team paid particular attention to the reading experience for the articles and sought out advice from students in the RISD Graphic Design department.

On the next page, find the screenshots of the current app prototype.

‘Learn’

INTACT


LearnOrganize

Sign In⚙️🔍

ESCAPE →

RESOURCES UNDERSTANDING PLANNING PERSONAL REFLECTIONS


everythingpsychologytypes of abuselabel-blameemotional abuse



### You Matter

Change for the better starts with recognition how deserved and needed that change is


article2 min. read



### Barriers to Leaving an Abusive Relationship

This article outlines the major barriers preventing those experiencing abuse from leaving their abusive partner.


FEATURED



### You Matter

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article2 min. read



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### You Matter

Change for the better starts with recognition how deserved and needed that change is

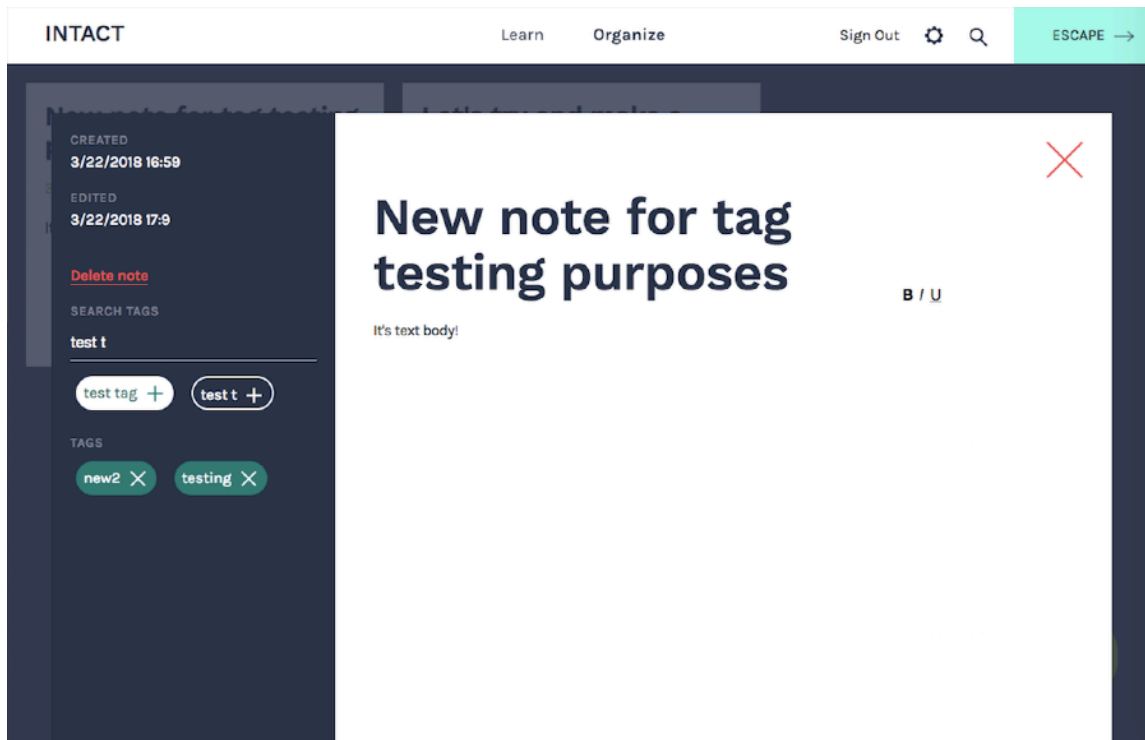
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### Unmasking the abuser, TEDx talk

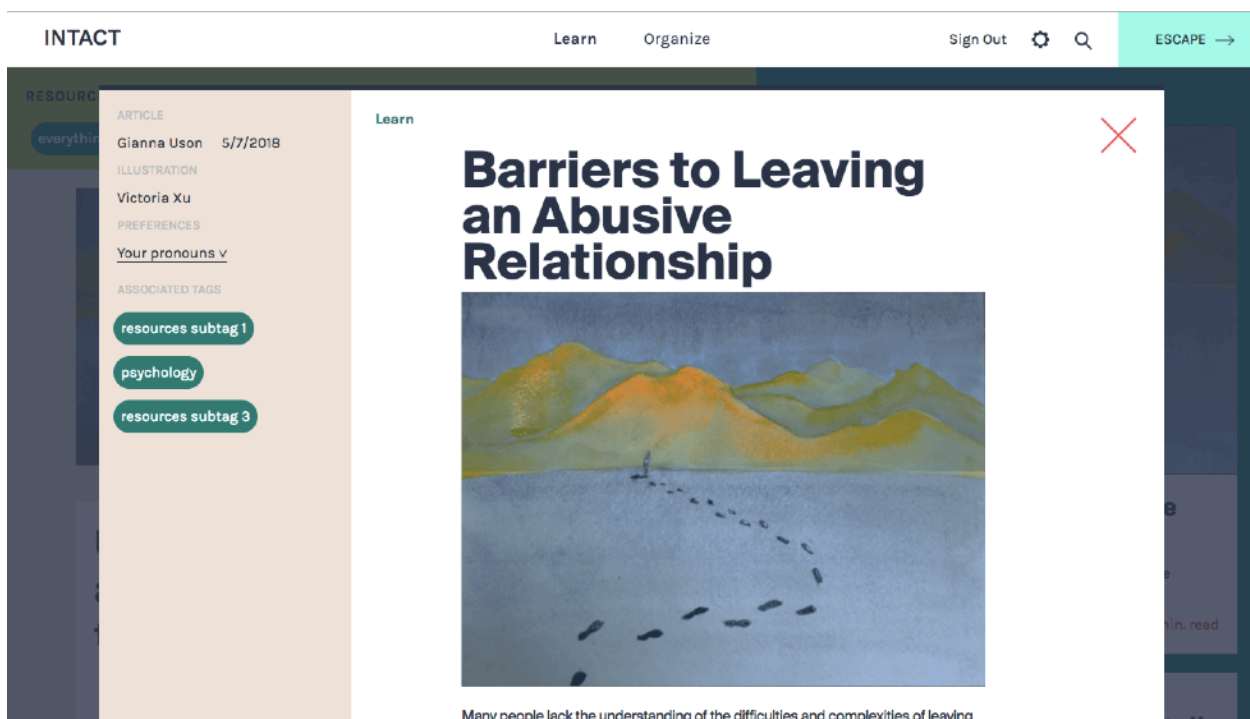
DinaMcMillan teaches to identify the signs of potential violence at TEDxCanberra

undefined min. long

## Note editor in 'Organize'



## Reading experience



## Reading experience scrolled

The screenshot shows the INTACT website interface. The top navigation bar includes the INTACT logo, 'Learn' and 'Organize' buttons, a 'Sign Out' link, a settings gear icon, a search magnifying glass icon, and an 'ESCAPE' button with a right arrow. The main content area is divided into a left sidebar with a 'RESOURCES' section and a main text area. The text area contains a list of factors contributing to domestic violence, each preceded by a red dash and a bold title. The text is partially obscured by a large, light-colored rectangular overlay on the left side of the page.

responsibility of raising children alone can be too much to bear (even if the spouse/boyfriend has never assisted in the care taking needs of the children.) The abuser will often use the children as a pawn against the victim by threatening to take them away if the woman attempts to leave.

- **Promises of Reform:**  
The abuser will frequently promise that it will never happen again; the victim wants to believe that this is true.
- **Guilt:**  
The woman may believe that her husband is sick and needs her help. Women are trained to think that they can save their abusive mates, that they can change. Thus, the idea of leaving her spouse can produce feelings of guilt.
- **Lack of Self-esteem:**  
The woman may come to believe that she somehow deserves the abuse to which she has been subjected (she has been told this repeatedly by her partner). Lack of self-esteem and the belief that she doesn't deserve anything better can be paralyzing for a battered woman. This lack of self-esteem cuts across racial, ethnic, religious and socioeconomic lines. Physicians, attorneys, judges, and professors can be, and are, battered.
- **Love:**  
Most people enter a relationship for love, and that emotion does not simply disappear in abusive relationships. Most women want the violence to end, but