ESSENTIALS OF WRITING TECHNOLOGY FOR

# DIVERSITY AND INCLUSION



photo credit: poornima kannan

BY CHINMAYI SK

WITH INPUTS FROM
ROHINI LAKSHANE AND
WILLOW BRUGH

## WHAT DOES IT MEAN?

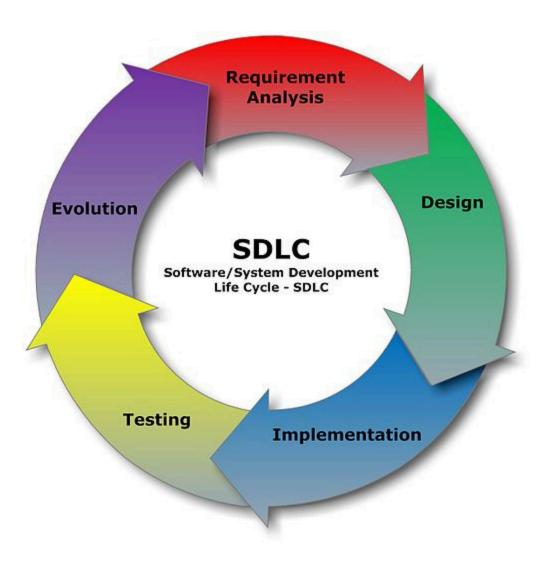
BUILD TECHNOLOGY WHICH WORKS FOR

ALL GENDER IDENTITIES

VARIED LINGUISTIC GROUPS

DIFFERENT CULTURAL GROUPS

PEOPLE WITH DISABILITIES



By Cliffydcw (Own work) [CC BY-SA 3.0], via Wikimedia Commons

## Design

#### DESIGN PROCESSES



### COLLABORATIVE DESIGN

the use of multi- disciplinary design teams in the design process.



### PARTICIPATORY DESIGN

brings together community and teams to make collective decisions about a platform which does not limit to design decisions

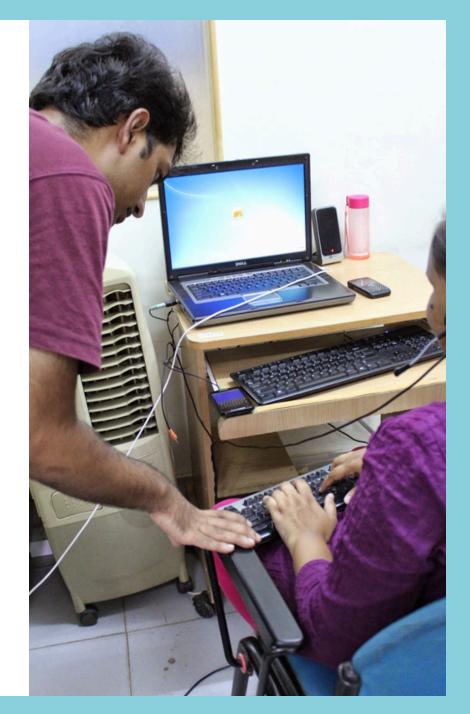


#### CO-DESIGN

brings together a diverse community to work on the design on a system. This is done iteratively by creating smaller modules and prototyping it.

## USABILITY TESTING

DIVERSE AUDIENCE BASED
ON YOUR NEEDS



Picture credit : chinmayi s k

## PLATFORM ELEMENTS

**EULA** 



Version 1.0.0

Effective Date: 14th September, 2015 Last Updated: 14th September, 2015

#### Data Policy of www.zariyaindia.org

This Website collects some Data from its Users.

Zariya ("Zariya" or "We" or "Us" or the "Data Protector") gives you access to resources, but not at the cost of your identity safety and data security ("Security"). Security is a central tenet of our product development and a Zariya Value. Hence, our promise is of safe and secure access. This policy describes data ("Data") that will be collected by Zariya when you access and utilise the Zariya site ("Website") and its services ("Services"). Some Data needs to be viewed in order to ensure a smooth procedure for you. We balance this with your anonymity needs by maintaining a limited purposes of viewership. We will not use or share your Data with anyone except as described below.

#### Types of Data Collected

The following data is collected if you visit this Website and/or utilise resources:

- 1. Data about the user's interaction with the Website features and functionalities ("Interaction Data").
- 2. Data that you choose to share via Zariya's service ("Personal Data") that comprises the inputs included in the initial case creation form.

Please note that the Interaction Data gathered by analytics is not tied to the Personal Data.

#### Modes and Practises of Data Collection

#### Methods of processing

The Data Protector processes the Data of Users in a proper manner and shall take appropriate security measures to prevent unauthorized access, disclosure, modification, or unauthorized destruction of the Data.

The Data processing is carried out using computers and/or IT-enabled tools, following organizational procedures and modes strictly related to the purposes indicated. In addition to the Data Protector, in some cases, the Data may be accessible to certain types of persons in charge, involved with the operation of the site (administration, sales, marketing, legal, system administration, Zariya partners) or external parties (such as third party technical service providers, mail carriers, hosting providers, IT companies, communications agencies) appointed, if necessary. The updated list of these parties may be requested from the Data Protector at any time.

#### Data Deletion Request

The User can always request that the Data Protector suspend or remove the data.

#### Use of Data Collected

#### A. Data Analytics: Interaction Data

The Data Protector is committed to protecting the Security of your Data. We use a variety of industry-standard security technologies and procedures to help protect your Data from unauthorised access, use, or disclosure. We use various data analytics to enhance and provide you with a more personal and interactive experience on our Website. This type of data is collected to make the Website more useful to you and to tailor the experience with us to meet your special interests and needs.

Zariya's use of various data analytics enables Cookies to gather information on how you interact with and utilise Zariya's functionalities (tracking clicks, page views, frequencies and other online movements). Such Interaction Data is collected exclusively to understand your needs and improve the Zariya website. You may choose to turn off Cookies but this may limit your use of Zariya services.

#### Google Analytics (Google Inc.)

Google Analytics is a web analysis service provided by Google Inc. ("Google"). Google utilizes the Data collected to track and examine the use of this Application, to prepare reports on its activities and share them with other Google services.

Google may use the Data collected to contextualize and personalize the ads of its own advertising network.

Personal Data collected: Cookie and Usage data.

Place of processing: USA - Privacy Policy

#### Heap Analytics (Heap Inc.)

Heap Analytics is an analytics service provided by Heap Inc.

Personal Data collected: Cookie and Usage data.

Place of processing: USA - Privacy Policy

#### Hotjar Analytics (Hotjar Inc.)

Hotjar Analytics is an analytics service provided by Hotjar Inc.

Personal Data collected: Cookie and Usage data.

Place of processing: USA - Privacy Policy

#### B. Contacting the User

#### Email Sign-up: Mailing List or Newsletter (This Service)

By registering on the mailing list or for the newsletter, the User's email address will be added to the contact list of those who may receive email messages containing information concerning this Website.

Personal Data collected: Email address

## https://www.zariyaindia.org/privacy

## CONSENT POLICIES

RESPONSIBLE DATA FORUM

A RIFF ON THE BUSINESS MODEL CANVAS ORIGINAL: STRATEGYZER.COM COO HOSTED: WIKI, RESPONSIBLE DATA. 10

ENFORCEMENT

HOW THE POLICY WILL BE UPHELD INFORMED, ENTHUSIASTIC SUBJECT



TIME+USE BOUNDING



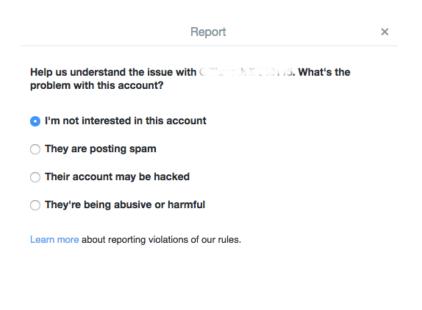
Illustration By: Willow Brugh

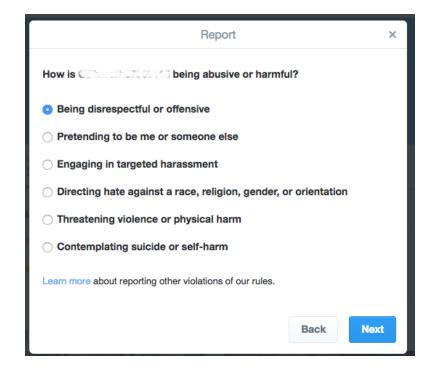
### **FEEDBACK**

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0	1	2	3	4	5	6	7	8	9	10	
Problem Other Please enter your feedback		feedback i	Suggestion  in the box below and the		then press	Compliment press 'Send Feedback'.			Other		
1											

### INTERACTIVITY

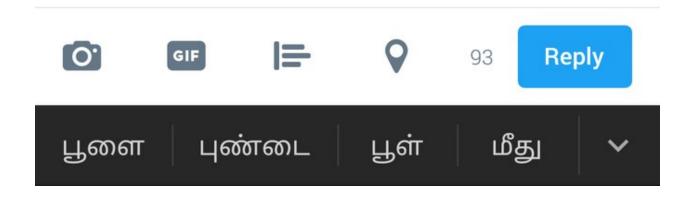
Next





## LANGUAGE AND CULTURE

Don't believe me check for yourself கண்மணி உன்



Picture Credit: Srikanth L (@logic)

## Architecture

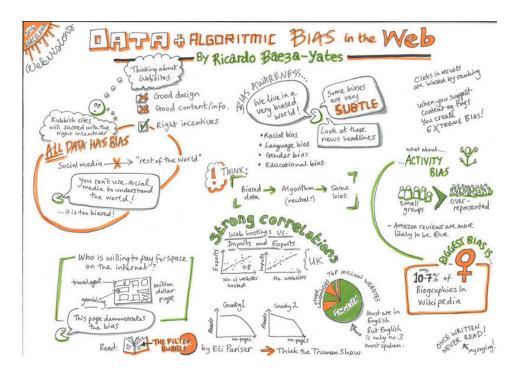
DATA

**PLATFORMS** 

SECURITY

## Implementation

## ALGORITHMIC BIAS



peer reviews

**Assumption reviews** 

Transparency

Illustration by: Ricardo Yales

## Testing

Design for Social Inclusion - Yadira Ornelas, Judith Gregory , Institute of Design , Illinios Institute of Technology

Journeys of Water - Frog Design

Weapons of Math Destruction - Cathy O'Neil

https://wiki.responsibledata.io/

https://wiki.responsibledata.io/Framework\_for\_consent\_policies

http://opentranscripts.org/transcript/interfaces-demand-obedience/

https://civic.mit.edu/blog/kanarinka/a-primer-on-non-binary-gender-and-big-data

http://www.codesigntoolkit.com/

https://aestetix.com/category/nymwars/

https://cyber.harvard.edu/interactive/events/luncheon/2014/09/aestetix

## Link to our Manual

https://github.com/thebachchaoproject/Manual-to-buildtech-for-diversity-and-Inclusion