

# When JiX

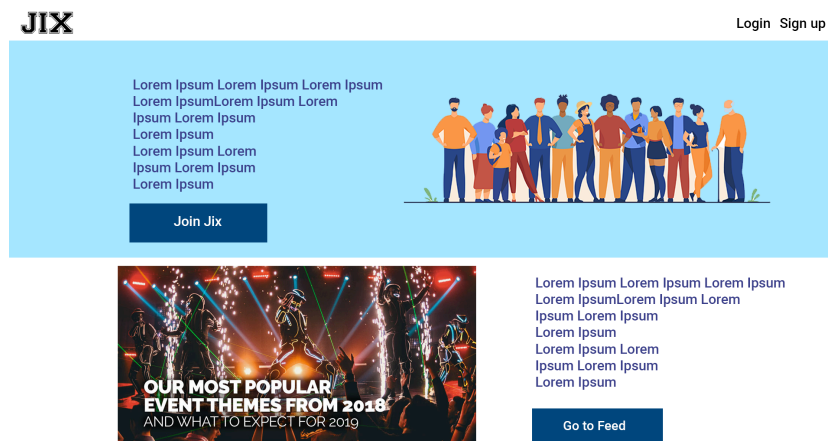
## Description

JiX web application is a web forum for finding friends and people who have mutually-interested events. The activities are categorized into categories including Hangout, Meeting, Study, Entertainment, Travel, etc. Users can select the interesting category of activity on the Explore page. Moreover, they can find or post about any activity or event on the Feed page. The feed and explore page is visible to everyone on the internet (doesn't have to log in), but web visitors have to login before post and participate in any event. The intended users are various from teenagers to working adults.

## Background

According to BBC news magazine that studies have consistently shown that out of 10 people, one is lonely. Moreover, a [report by the Mental Health Foundation](#) suggests loneliness among young people is increasing and according to healthline.com [loneliness might lead to depression](#) these days. This inspired us to write this web application. We believed that helping people find a friend who has mutual interests can solve the modern loneliness problem. Our web helps people who want to join a new community with mutual interests but don't know where to go or where to find, our web solves it by creating a community and gathering people who have this problem or even just want to find something new to do to join a community solve this problem and modern loneliness together. So our web application will emphasize finding friends to join in the event, not just any event attendee.

## Mockup



## Index page

Search: Lorem Ipsum keyword | Category | Create your event

All Event

- Lorem Ipsum
- Lorem Ipsum
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SUN, OCT 4, 9:00 PM  
Cicero's On the Nature of Gods Online One Hour Preliminary Discussion  
Bangkok Literary Explication an...  
3

MON, SEP 28, 2:00 PM  
Let's dance: Online Beginner Line Dance meetup  
Bangkok Line Dance Meetup  
2

MON, SEP 28, 7:00 PM  
September 28 - A Bend in the River by V.S. Naipaul  
"Timeless Classics" Book Club B...  
2

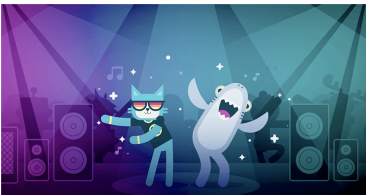
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2

### Feed page

#### Lorem Ipsum Event



#### Description

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Date and time

Join now | Favourite

Place

New friends ( 3 people )



### Detail Page

### Main Features

1. **Feed page** (shows activity, post, event, categories of activity).
2. Users can **post** about any event including description, images, location, and date **on the feed page to find friends and customize** the number of associated people of each event.
3. Users can report inappropriate posts.
4. Users can **find** events by **category on the Explore page**.
5. Users can **log in** and **sign out** with OAuth.
6. **Join request** allows the users to participate in other users' events (post).

7. **Everyone** can see the number of associated people in each event.
8. Users can **save** event posts as a **favourite**.
9. Users can **browse** the event posts by **favourite**.

## Optional Features

1. **Friendship system** that allows users to send a friend request to other users.
2. Users can go to the **contact me** page to contact us

## Team Members

Name (Nickname)	GitHub ID
Anusid W. (Tae)	<a href="#">@ttxking</a>
Sirapop K. (Pooh)	<a href="#">@SirapopKunjiak</a>
Siravit R. (Kuea)	<a href="#">@Kuea666</a>
Tatpol S. (Nice)	<a href="#">@nicenicegame</a>

## Development Plan

#	Iteration dates	Major works and goals	Milestone(s)
1	4 Oct – 11 Oct	<ul style="list-style-type: none"> <li>- Set up the project Google account and repository on GitHub.</li> <li>- Finish most of the mockups.</li> <li>- Start working on models class.</li> </ul>	<ol style="list-style-type: none"> <li>I. Project proposal approved and completed</li> <li>II. Project setup on GitHub with JiX's Gmail</li> <li>III. Models are completed.</li> </ol>
2	12 Oct – 19 Oct	<ul style="list-style-type: none"> <li>- Finish the static mockup.</li> <li>- Implement basic post-event CRUD-related features (e.g. posting, listing, editing, deleting post).</li> </ul>	<ol style="list-style-type: none"> <li>I. Have a completed static site on the repository.</li> <li>II. Able to view, post, delete and edit events.</li> <li>III. Able to view and choose categories of events.</li> </ol>
3	20 Oct – 27 Nov	<ul style="list-style-type: none"> <li>- Categorized all event posts into each category.</li> <li>- Implement a reporting system.</li> </ul>	<ol style="list-style-type: none"> <li>I. Users can view the event posts that are sorted by category.</li> <li>II. Users can report an inappropriate</li> </ol>

			event.
4	28 Nov – 4 Nov	- Implement an authentication system by using OAuth2.	I. Users can sign in by using OAuth.
5	5 Nov – 12 Nov	- Style user interfaces with CSS. - Implement an event-joining system - Consider which optional features should be implemented.	I. User-friendly interface. II. Users can join events that he or she is interested in.
6	13 Nov – 20 Nov	- Implement unit testing. - Implement Continuous Integration.	I. Pass all the tests. II. Cover more than 90% of the code.
7	21 Nov – 28 Nov	- Deploy on Heroku or Google cloud platform. - Complete website documentation, error pages, and help pages.	I. The app is fully documented II. Deployed sites withstand extended real usage.

## Major Risks

**Time** - We might have time limits to spend on this project because we're still studying for the semester and other subjects might have projects too. So in some iterations, we might be behind the schedule.

## Software Process

Our team will use an iterative and incremental process with an iteration length of **1 week**, starting on Monday and ending on **Sunday**.

Our team will meet **face-to-face** every **Tuesday** at the **CPE building** aside from our normal interaction in class and on social media.

The retrospective will be held once a week on our **Discord** server. A summary of retrospective with a plan for process improvement will be recorded in the **project wiki**.

## Implementation

Front-end: [Bootstrap](#)

Back-end: [Django](#)

Other implementations may be added in the future depending on our retrospective.

## Process Components and Tools

- Configuration management: **Github Flow**
- Documentation: **GitHub Wiki**
- Issue Tracking: **Github** for issue tracking.
- Communication: Face-to-face, **Discord**
- Task Management: **Github Project**
- Visibility: in the project README.md on Github, include links to the task board, documentation (esp. iteration plans), issue tracking (Github), and communication channel.
- Team Roles: Everyone is a programmer and tester.
- Quality Assurance: CI and regular test. Each iteration week will provide us with feedback to improve on web application
- Continuous Integration Server: **Travis CI or Heroku CI**
- Deployment: **Heroku or Google Cloud Platform**