

# CSCI 3308 – Group 8



Connect with people who have similar  
interests, hobbies, and crafts

# Group Members – Hobby Hub

- Weipeng Cao
- Lacey Conrad
- Austin Linn
- Dmytro Ryzhkov



**pro·gram·mer**

*n.* an organism that turns  
caffeine into software

# What is Hobby Hub?

A networking website for crafts, hobbies and similar interests.



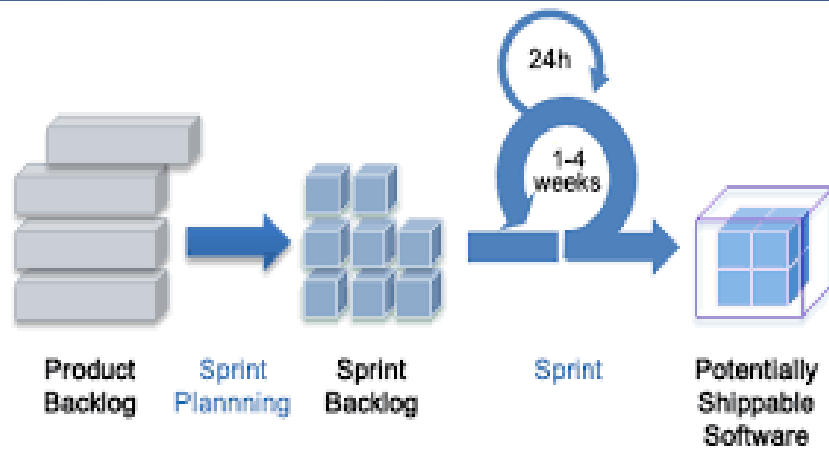
*Why create  
Hobby Hub?*



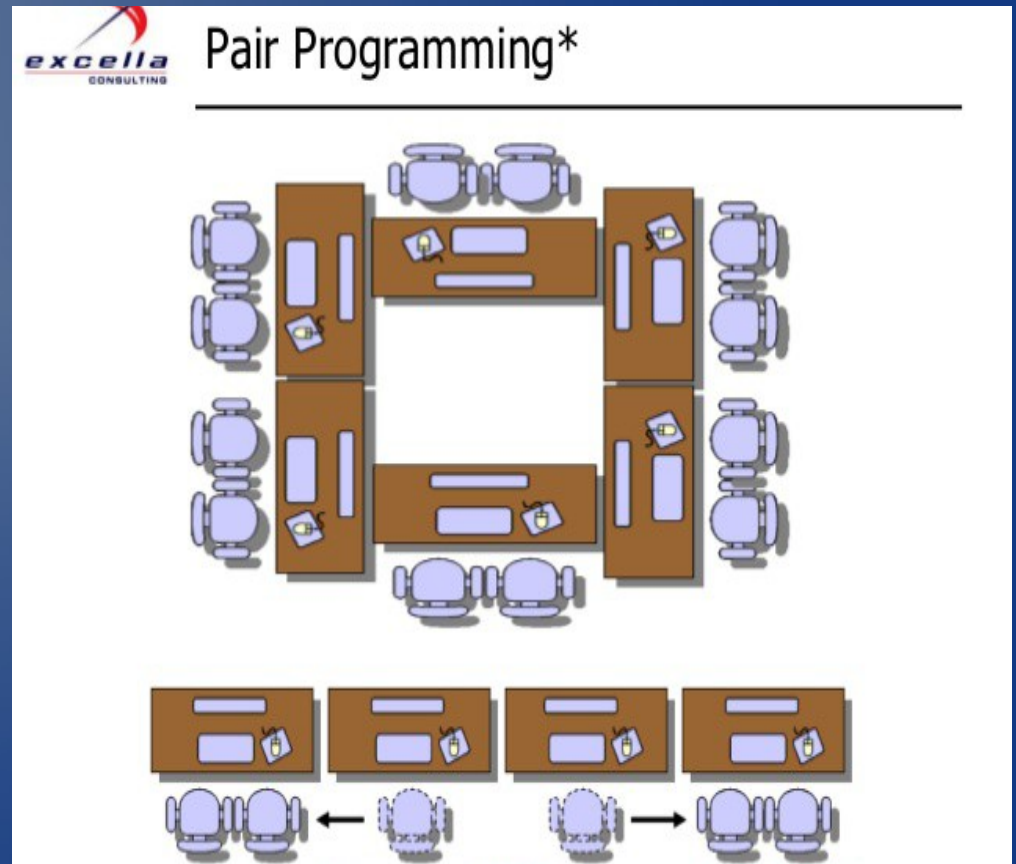
People enjoy exchanging ideas or form interest groups based off their hobbies and crafts.

# Tools – General

- Process Model



- Pair Programming



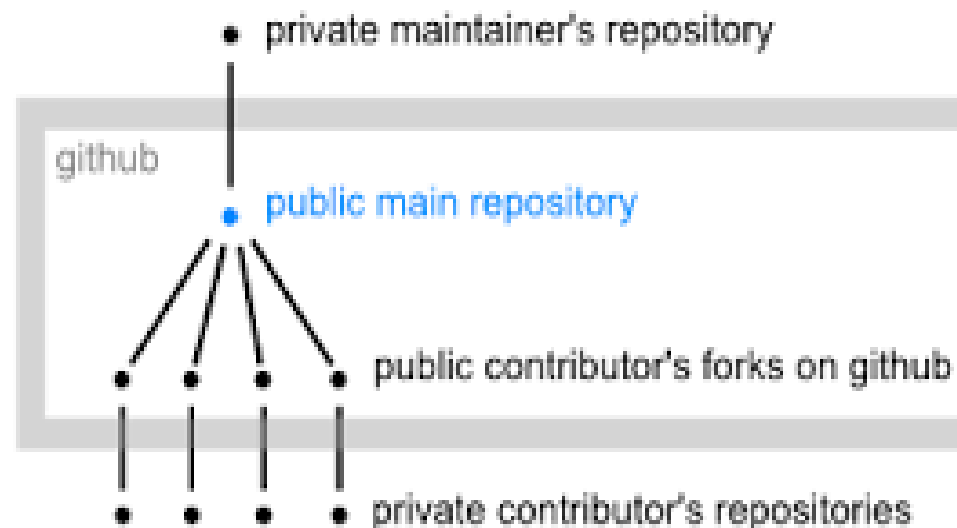
# Tools – Project Tracking



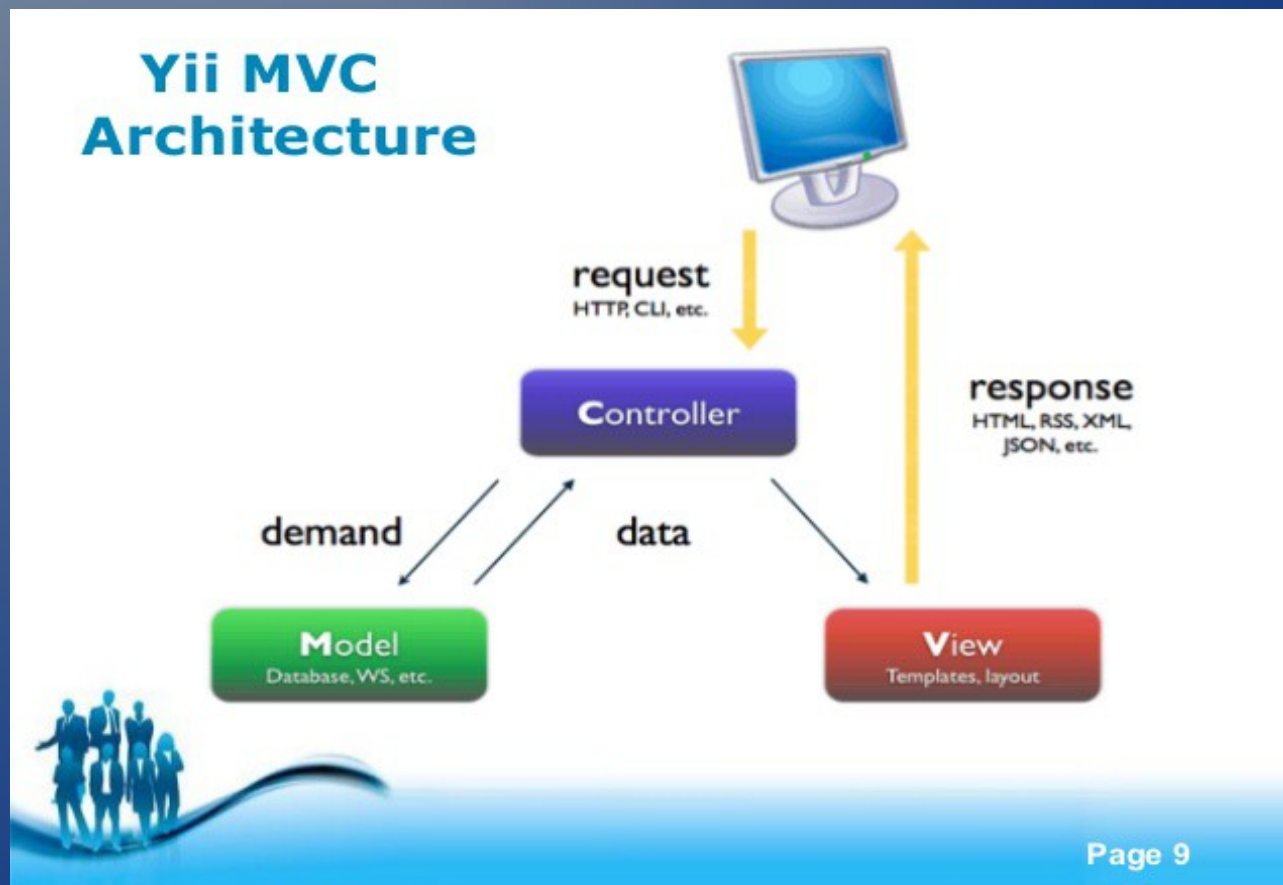
A screenshot of the Trello web interface for a board named 'Trello Development' by 'Fog Creek Software'. The interface is divided into several columns: 'Known Issues', 'Ideas', 'Next Up', 'In Progress', and 'Implemented'. Each column contains cards with titles, descriptions, and vote counts. Annotations with red speech bubbles highlight key features: 'A Board contains Lists' points to the column headers; 'Lists contain Cards' points to a card in the 'Ideas' column; 'Drag cards between lists' points to a card in the 'In Progress' column; 'Drag members to a card' points to a member's profile picture on a card in the 'Implemented' column; and 'View activity stream' points to the 'Activity' section on the right side of the board. The right sidebar includes sections for 'Members', 'Board', and 'Activity'. The 'Activity' section shows a list of recent actions, including a comment from '@idangazit'.



# Tools – Version Control



# Tools – PHP Framework



# Tools - Documentation



```
/**
 * \file
 * \brief LED driver module.
 * \author [redacted]@lu.ch
 *
 * This module implements the LED driver, plus a test routine to verify functionality.
 * The module supports right now up to 5 LEDs, and the number of LEDs can be specified using
 * the ::PL_NOF_LED macro in the range of 0 to 5
 * The module has been verified to run both on the SRB and the TOWER platform.
 */

#include "Platform.h" /* interface to the platform */

#if PL_HAS_LED
#include "LED.h"
#include "UTIL1.h"

#define TEST_LED 0
/*!< if we perform tests */
```

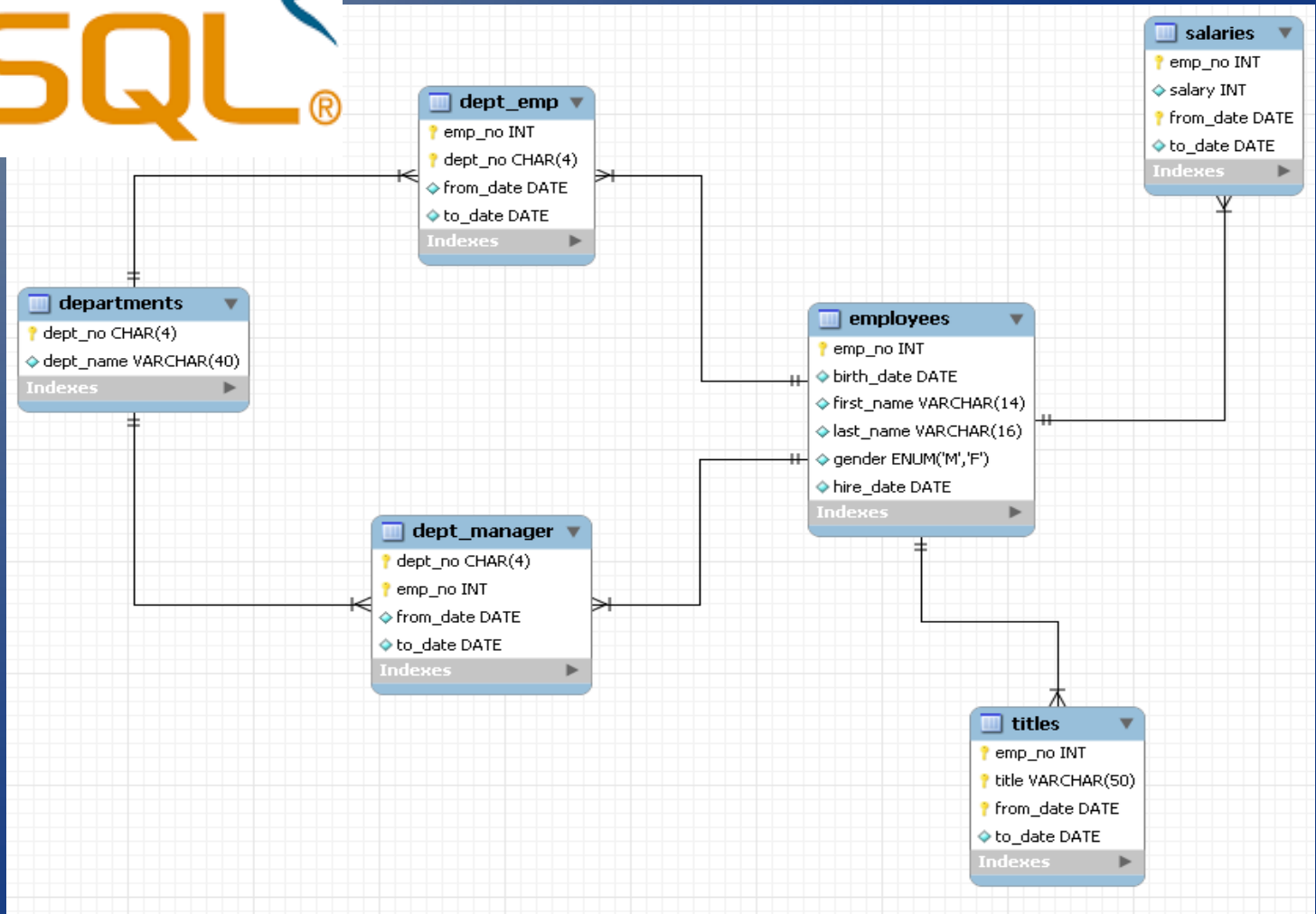
Reference/Hyperlink to symbol

Doxygen comments in blue color

Normal comments in green color



# Tools - Database



# Our Tool/Method Rating

- Yii \* \* \* \* \*

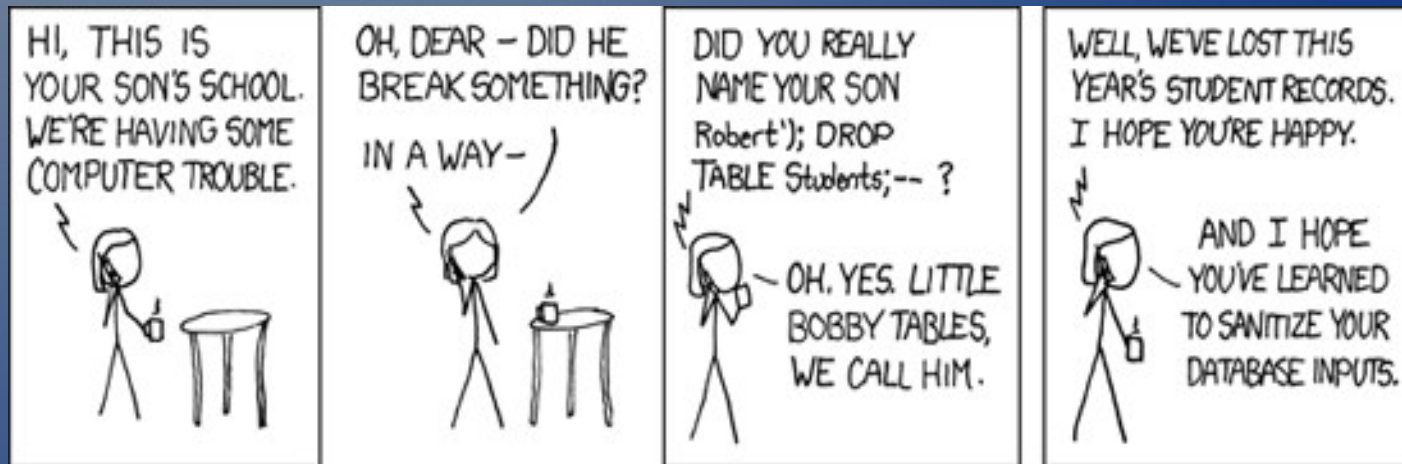
- Once again, bit of a learning curve.
- Made the project significantly easier.



# Our Tool/Method Rating

- Doxygen \* \* \* \*

- Supports multiple formats and config files are easy to write, however, it is not convenient to use.



- MySQL \* \* \* \* \*

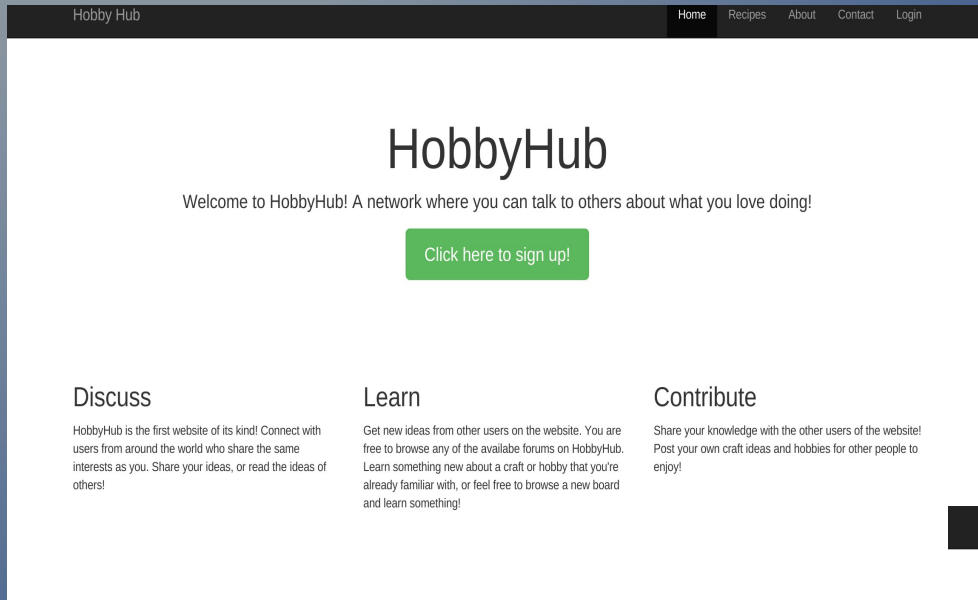
- Easy to use, and easy to pick up reasonably fast.

# Challenges

- Scheduling
  - It was difficult to find a time where the entire group could meet
- Programming knowledge
  - Several of us are new to programming
- Vision
  - We didn't always have a clear idea of what we wanted to do as a next step, what the end product would be



# And now...on with the show!



- Account Creation

- Home Page

A screenshot of the HobbyHub website's account creation form. The form is located on a white background with a dark blue header. It contains five input fields: 'Username' (with placeholder 'username'), 'Password' (with placeholder '\*\*\*\*\*'), 'First Name' (with a red border and a message 'Firstname cannot be blank.' below it), 'Last Name' (with placeholder 'name'), and 'Email' (with placeholder 'username@email.com'). A blue 'Submit' button is at the bottom.

# Interest/Hobby Groups

Hobby Hub Home Recipes About Contact Hello, admin! ▾

[Go Back to Search](#)

Match Group

Keywords: Fishing,Driving,Acting

Acting Group By randallwatson3122

Created on 2015-12-15

Interest: Acting Meeting at 3pm on 2015-12-19 Where: abc abc

Join

Fishing Group By melvinfisher2984

Created on 2015-12-14

Interest: Fishing Meeting at 3pm on 2015-12-18 Where: abc abc

Join

Fishing Group By emeryrussell6103

Created on 2015-12-12

Interest: Fishing Meeting at 3pm on 2015-12-16 Where: abc abc

Join

Fishing Group By peterstewart812

Created on 2015-12-10

Interest: Fishing Meeting at 3pm on 2015-12-14 Where: abc abc

Join

Driving Group By donjenkins3825

Created on 2015-12-07

Interest: Driving Meeting at 3pm on 2015-12-11 Where: abc abc

Join

Acting Group By fredshaw4865

Created on 2015-12-06

Interest: Acting Meeting at 3pm on 2015-12-10 Where: abc abc

Join

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## My Groups

Test group

Created on 2015-12-01

Test Group Description

(0) You

Delete

Test group 2

Created on 2015-12-03

Interes: Fishing Where: When:

(0) You

Delete

## Joined Groups

Fishing Group

Created on 2015-12-14

By melvinfisher2984

Leave

Ubuntu4.14 Status 200 Route satelindex Lon 25 Time 31 ms Memory 3.2 MB DB 12 7 ms Asset Bundles 6

- Creating and managing groups

Hobby Hub Home Recipes About Contact Hello, admin! ▾

Creator:  
admin

Date:  
2015-12-03

Status:  
Open

Groupname

Test group 2

Description

Interes: Fishing  
Where:  
When:

Submit



# Group Search

Hobby Hub Home Recipes About Contact Hello, admin! ▾

## Search

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Keywords:

Search by your interests ☐

- Searching for groups

- Display group information

Hobby Hub Home Recipes About Contact Hello, admin! ▾

## My Groups

Test group

Created on 2015-12-01

Test Group Description

(0) You

# Quick Links to Useful Sites

Hobby Hub

HomeRecipesAboutContactLogin

[Home](#) / Use these links to find crafting information you need:

Find Crafting Projects on The Following Websites:

Cooking and baking

[Allrecipes](#)

[Epicurious](#)

[Food Network](#)

[Simply Recipes](#)

Woodworking and carving

[Fine Woodworking](#)

[Popular Woodworking](#)

[Reddit: Woodworking](#)

[Wood Magazine](#)

Sewing, knitting, and crocheting

[Lion Brand: Learn to Knit](#)

[Fabric in Boulder](#)

[Sewing.org](#)

[Knitting and Crocheting](#)

# The End!



"HI! WE JUST CALLED TO SAY YOUR PLANET IS DOOMED  
BUT WE LOVE YOUR WEB PAGE"