



# Paw Trax

Jackson Trust, Megan  
Kang, Tyler Apple, Kate  
Pendavinji, Ahmed Alali

Logo



Tool Used: Canva

Purpose: Making this logo!

Rating: 4

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# Tools



## Project Tracker: Trello & Slack

### Trello:

- ★ Did not serve much purpose for us.
- ★ Least frequently used.
- ★ Rating: 2.5

### Slack:

- ★ Served as a fantastic communication platform for the team.
- ★ Used on an almost day to day basis.
- ★ Great tool for confirmation & splitting up work.
- ★ Overall helped us stay on track!
- ★ Rating: 5



# Tools

## Version Control: GitHub

- ★ Very useful for keeping up to date with other's work
- ★ However, not useful if you have to install dependencies in repo
- ★ Only optimal if directory structure is same across all computers (not easy on personal computers)
- ★ Rating: 3.5

# Tools

Database: MySQL

- ★ Very useful
- ★ Easy to use compared to other DBMS
- ★ Rating: 4

Deployment: Apache (Localhost)

- ★ Simple to use, just start it and go to localhost:port
- ★ Used through XAMPP control panel and Apache Cordova
- ★ Easy to test locally, short process
- ★ Rating: 4

# Tools

Framework: XAMPP/PHP & Apache Cordova

★ Apache Cordova

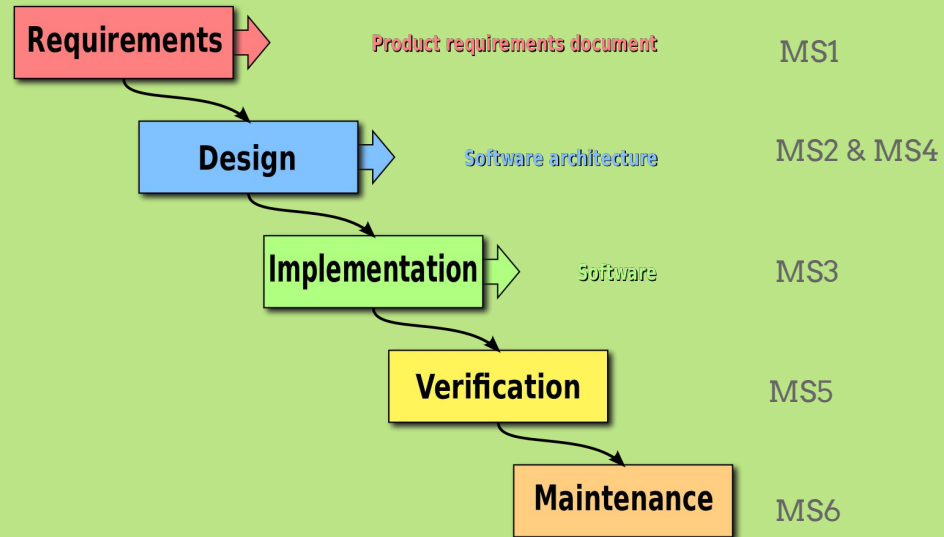
- Very simple to develop in, similar to NodeJS but easier
- Creates code for multiple platforms
- Hard to connect to DB, and to use fully
- Rating: 3

★ XAMPP/PHP

- Gives a control panel to start services
- Have to conform to certain directory structure
- Rating: 4

# Methodology

Waterfall:



# Challenges

- ★ Choosing the right framework
  - Cordova doesn't connect to database well without plug-in use, difficult to get a handle on that
  - XAMPP makes it easier to run PHP, useful language for accessing MySQL and generating HTML
- ★ Dependencies in GitHub repository
  - Can't commit files with file path too long, so no Cordova plugins or XAMPP



# Challenges

- ★ Scope
  - The scope we planned was too large for a single semester project
- ★ Time conflicts
  - Couldn't always meet together
  - Meeting online requires increased communication/collaboration

DEMO!



# Questions?

