

The ABC'S

a.k.a. "The Jackson 4"

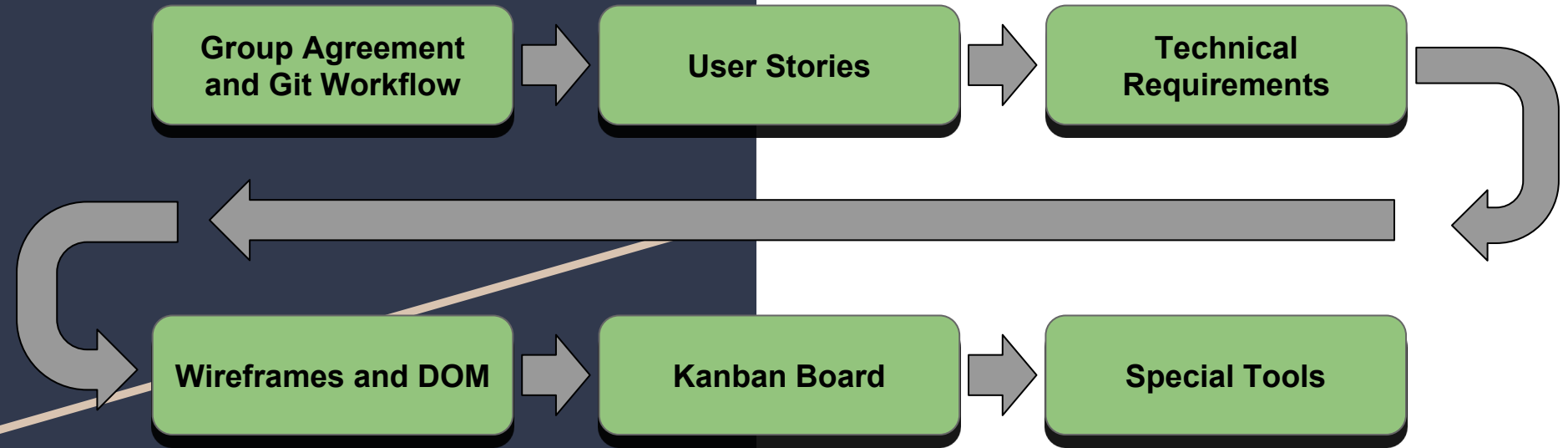
- ★ Andrew Curtis
- ★ Billy Bunn
- ★ Cory Henderson
- ★ Shukri Abdi

Problem Domain & Solution

- **Problem:** People need to organize and keep track of daily tasks in a list which can be stored and accessed anytime, anywhere.
- **Solution:** We developed a simple, user-friendly application which stores user daily tasks and provides a simple interface to track incomplete and complete tasks.

Introducing **cheko** ✓

Project Planning Overview



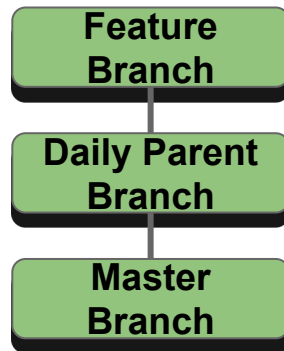
Group agreement & Git workflow

Group Agreement:

- Emphasize communication, empathy, & “psychological safety”
- No major decision, branch merge, or design choice goes forward without unanimous approval
- “Mob” program major logic & structure
- “Pair” program smaller features

Git Daily Workflow:

- Create 2 branches off master each day: AM & PM
- Feature branches off of AM/PM branches for individual daily tasks
- “Merge parties” twice a day



User stories

What users want...

- Simple functionality
- Tasks are easily added and saved for future reference
- Organized tasks into complete & incomplete categories
- Ability to move tasks between lists
- Aesthetically pleasing UI
- Background on the development team

What developers want:

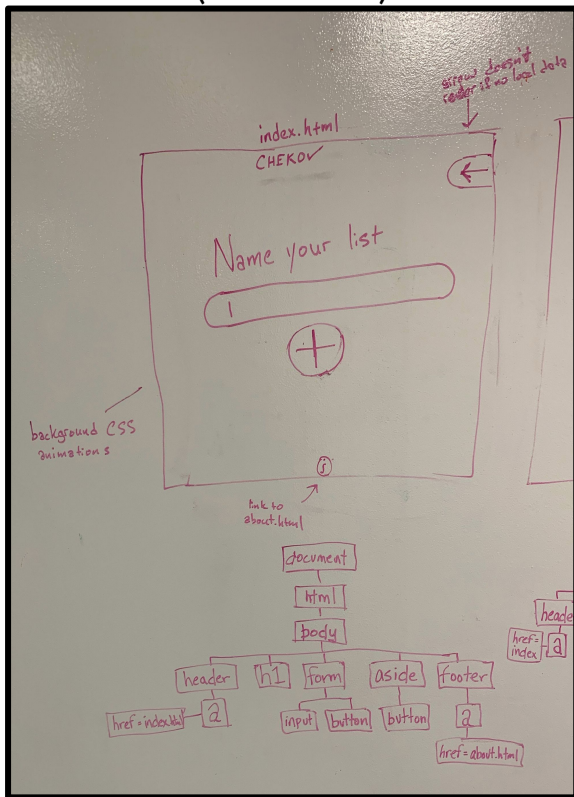
- Use object oriented programming and thoughtful organization to ensure DRY code
- Useful comments throughout
- Clear variable naming
- Team sticks to Git work plan and group agreement
- Store data to local storage

Technical Requirements

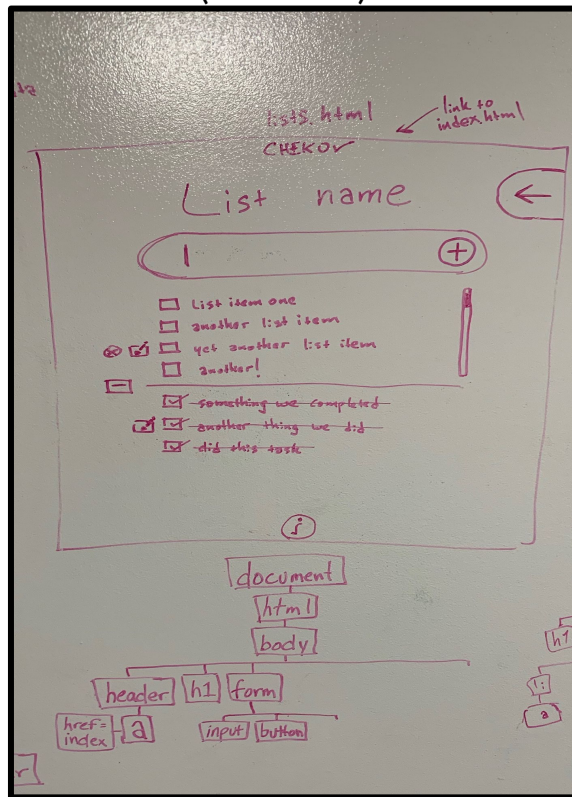
- Accept user input to:
 - Name & create a to-do list
 - Name & create individual tasks
 - Complete (check off) tasks
 - Delete tasks
 - Edit the to-do list name
 - Edit incomplete tasks
- List and task data persists across browser sessions
- User cannot create blank list titles or tasks
- Organized into (3) unique pages

Page Planning: Wireframes + DOM

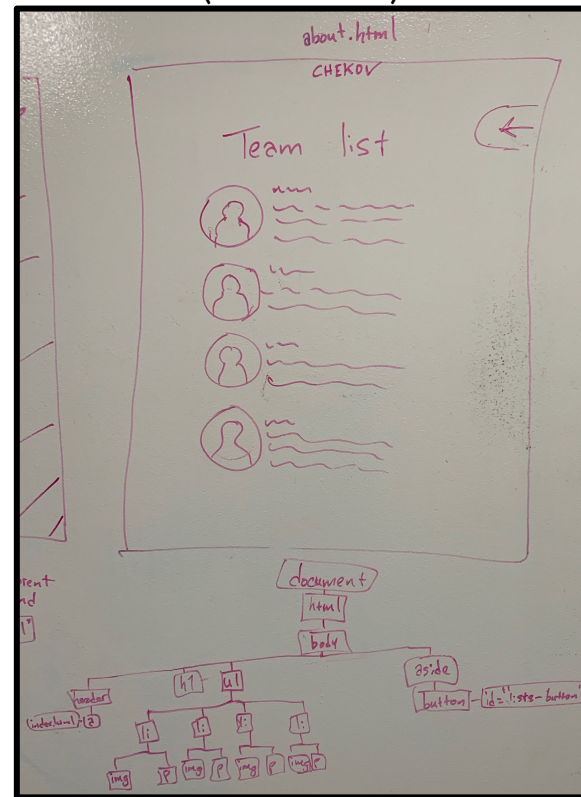
Main page
(index.html)



To-do list
(lists.html)



About us
(about.html)



Special Tools: Github Kanban Board

Task Tracker

Updated a minute ago

5 To do (for stretch goals) + ...

1 Add specific styling for :valid and :invalid CSS pseudoclasses ...
#42 opened by amjcurtis

1 Add user input validation to ensure no duplicate *list* names ...
#23 opened by amjcurtis

1 Add ability to hide the list of completed tasks ...
#24 opened by amjcurtis

1 Allow user to create, store, and access multiple lists (displayed in <aside> overlay on lists.html). ...
#26 opened by amjcurtis

1 Add styling specific to stretch goal features ...
#27 opened by amjcurtis

6 To do (for MVP) + ...

1 Add input validation on lists.html to make sure user gives name to new *task* ...
#41 opened by amjcurtis

1 Add user input validation to ensure no duplicate *task* names ...
#22 opened by amjcurtis

1 Write up blurb on *Andrew* for 'About Us' page ...
#32 opened by amjcurtis

1 **Create slide deck for final project presentation on Friday** ...
0 of 12
#7 opened by BillyBunn

1 Delete all "corpse code" and unnecessary console.logs ...
#9 opened by BillyBunn

1 When HTML skeleton is complete, comb over element tags used and see if any can be replaced with more semantic markup ...
#17 opened by BillyBunn

5 In progress + ...

1 Add input validation on index.html to make sure user gives name to new *list* ...
#21 opened by amjcurtis

1 Write up blurb on *Shukri* for 'About Us' page ...
#30 opened by amjcurtis

1 Write up blurb on *Billy* for 'About Us' page ...
#31 opened by amjcurtis

1 Write up blurb on *Cory* for 'About Us' page ...
#29 opened by amjcurtis

1 Add comments throughout JS files to document code ...
#28 opened by amjcurtis

19 Done + ...

1 Add basic CSS styling for fonts and colors ...
#16 opened by BillyBunn

1 Add function to redirect user to lists.html if a list already exists in local storage ...
#48 opened by amjcurtis

1 **Add dummy content to "About" page** ...
0 of 3
#4 opened by BillyBunn

1 Implement functionality for editing *task content* ...
#34 opened by amjcurtis

1 Implement functionality for editing *list name* ...
#36 opened by amjcurtis

1 Add functionality to allow user to edit name of an existing list ...
#25 opened by amjcurtis

1 Implement functionality for deleting tasks ...
#35 opened by amjcurtis

Special Tools: Screen Sharing

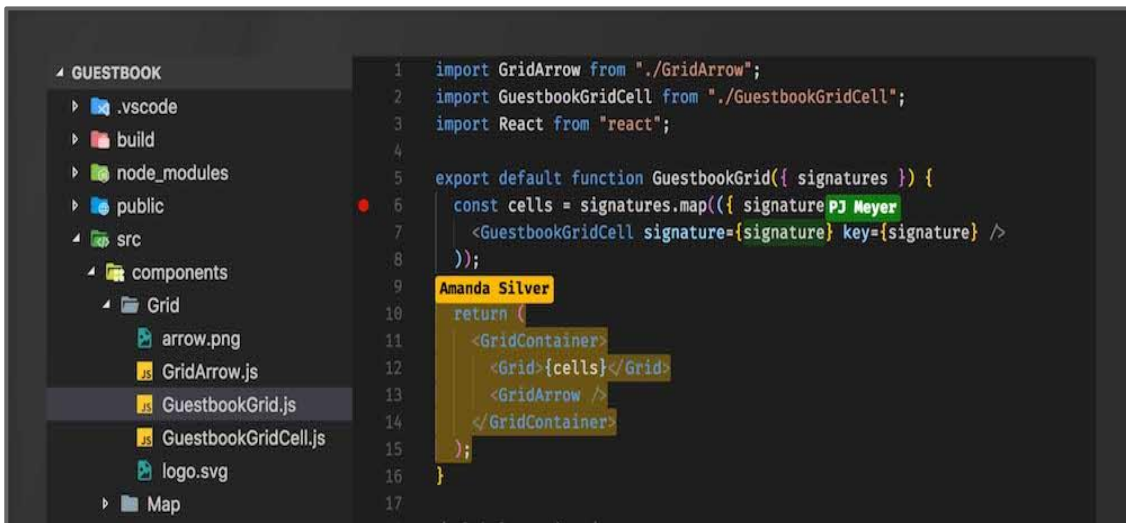
Appear.in

Free screen sharing application which was great for mob programming



VS Code: LiveShare

Great plug-in for VS Code which enables simultaneous editing and screen sharing to multiple users.



Technical Obstacles

Maintaining object class inheritance with local storage

Problem: Maintaining object class inheritance with local storage. **After parsing local storage to JS, “Task” object methods were lost.**

Solution: After parsing, created a loop to reconstruct and store task objects from the local storage data, thereby maintaining object prototype methods

Features and discoveries we're proud of

01

Exploring the event listeners

- Finding new ways to target specific activities, such as the delete button, submitting a list, etc.

02

Allowing the user to organize their list by complete and incomplete.

- Creating a function that organizes the list with click of a button
- Allowing the user to return an item back to incomplete

03

Double Click

- Users can double click to edit a list or tasks
- Possible with multiple event listeners and handlers
 - On double click
 - On blur

Q&A