

Students Online Experience

Interaction Design Assignment Two

Design Opportunities

For assignment two, I will address the productivity issues and frustration with information systems within Blackboard.

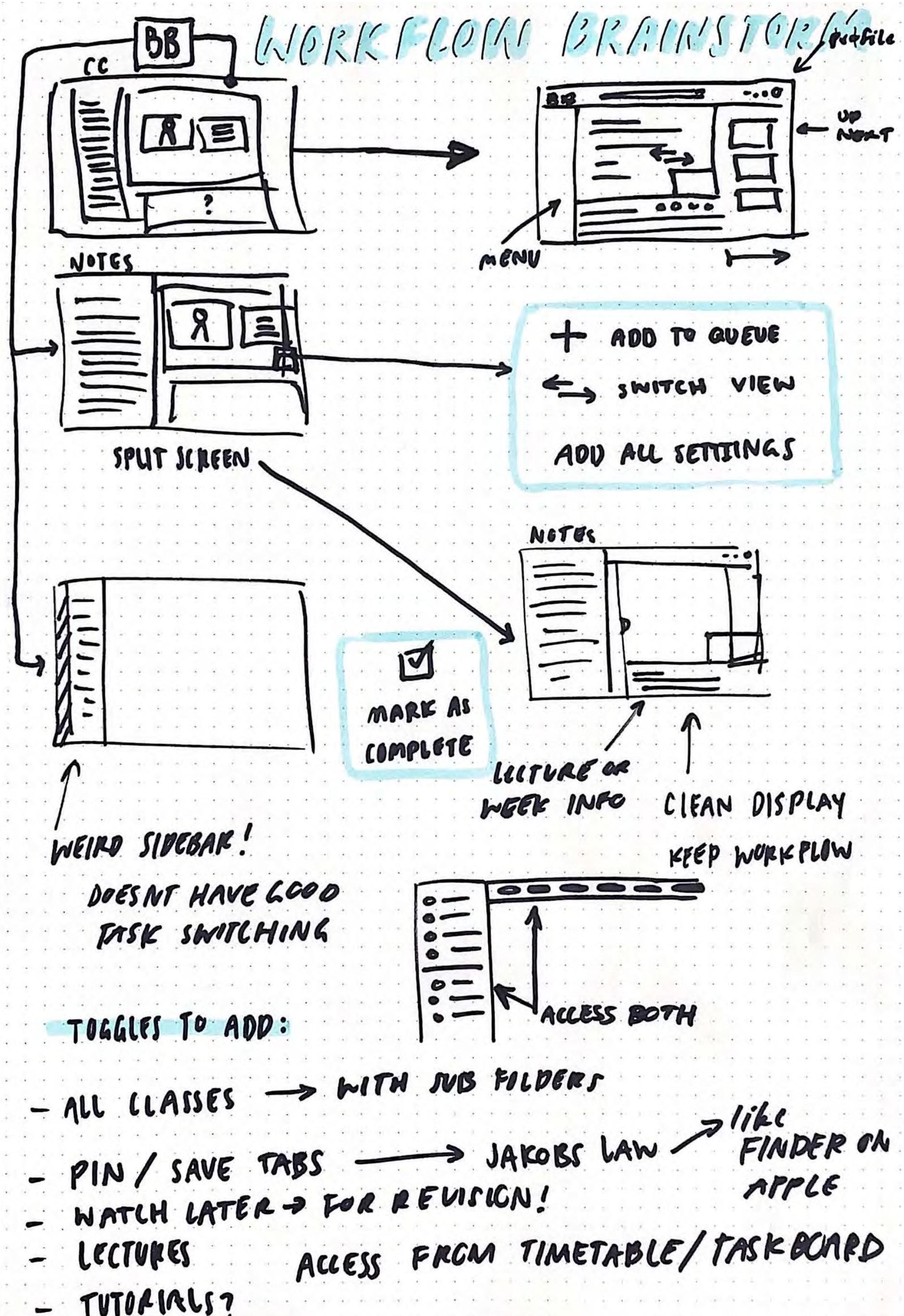
I want to use my psychological findings of reducing selection options, connecting workflows visually and minimising the time it takes to get stuck into work.

By updating the visual theme and using smart algorithms, I'll create a comfortable, inviting and inspiring workspace. I will continue to be inspired by Youtube's interactive design that can leave users spending hours engaged through smart algorithms and streamlined interface design.

Applying these concepts to Blackboard 2.0 should help students have clear direction and a simplified online experience so they have more capacity to learn.

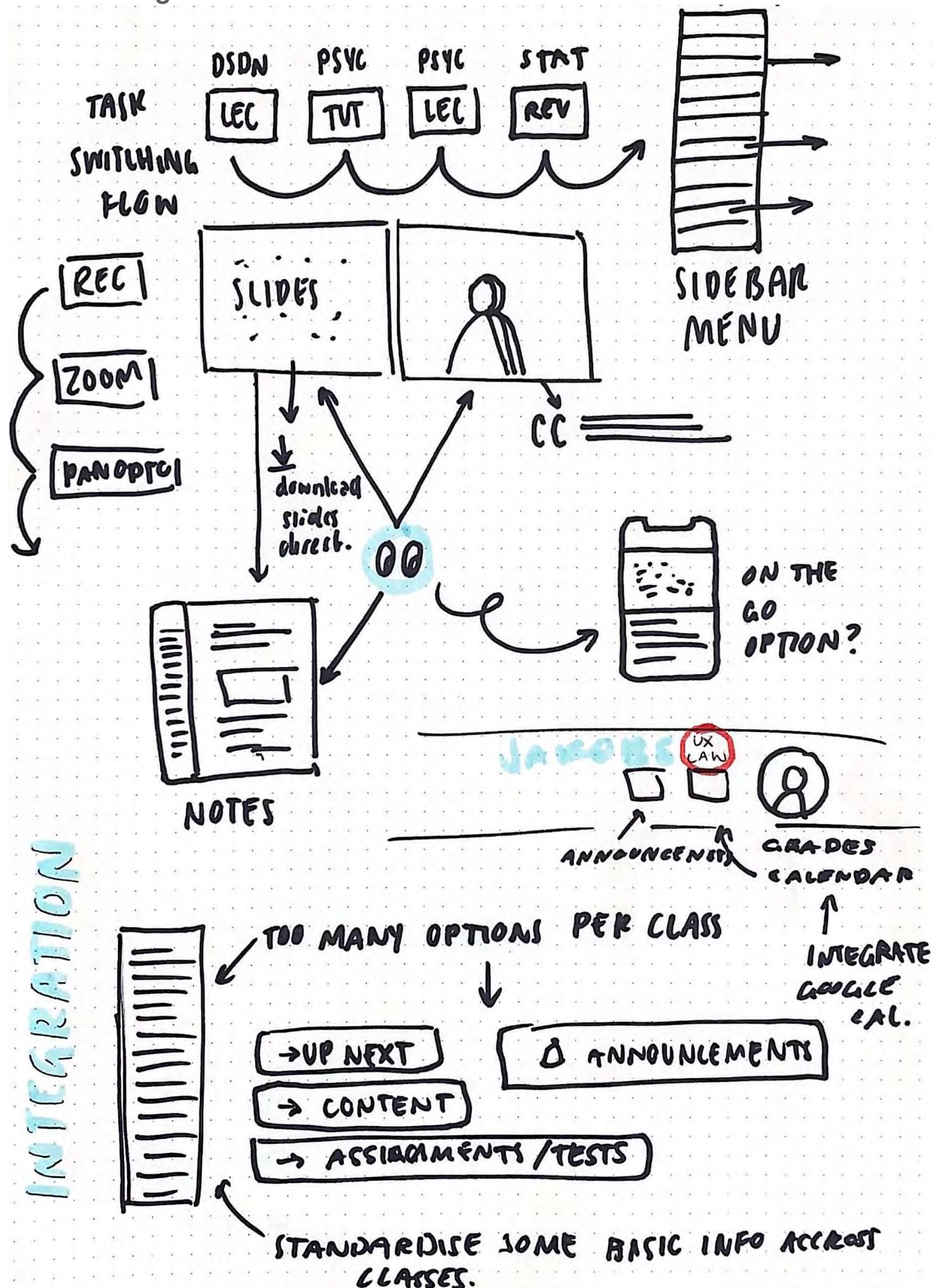
Developing Ideas From Project One

Workflow Brainstorm



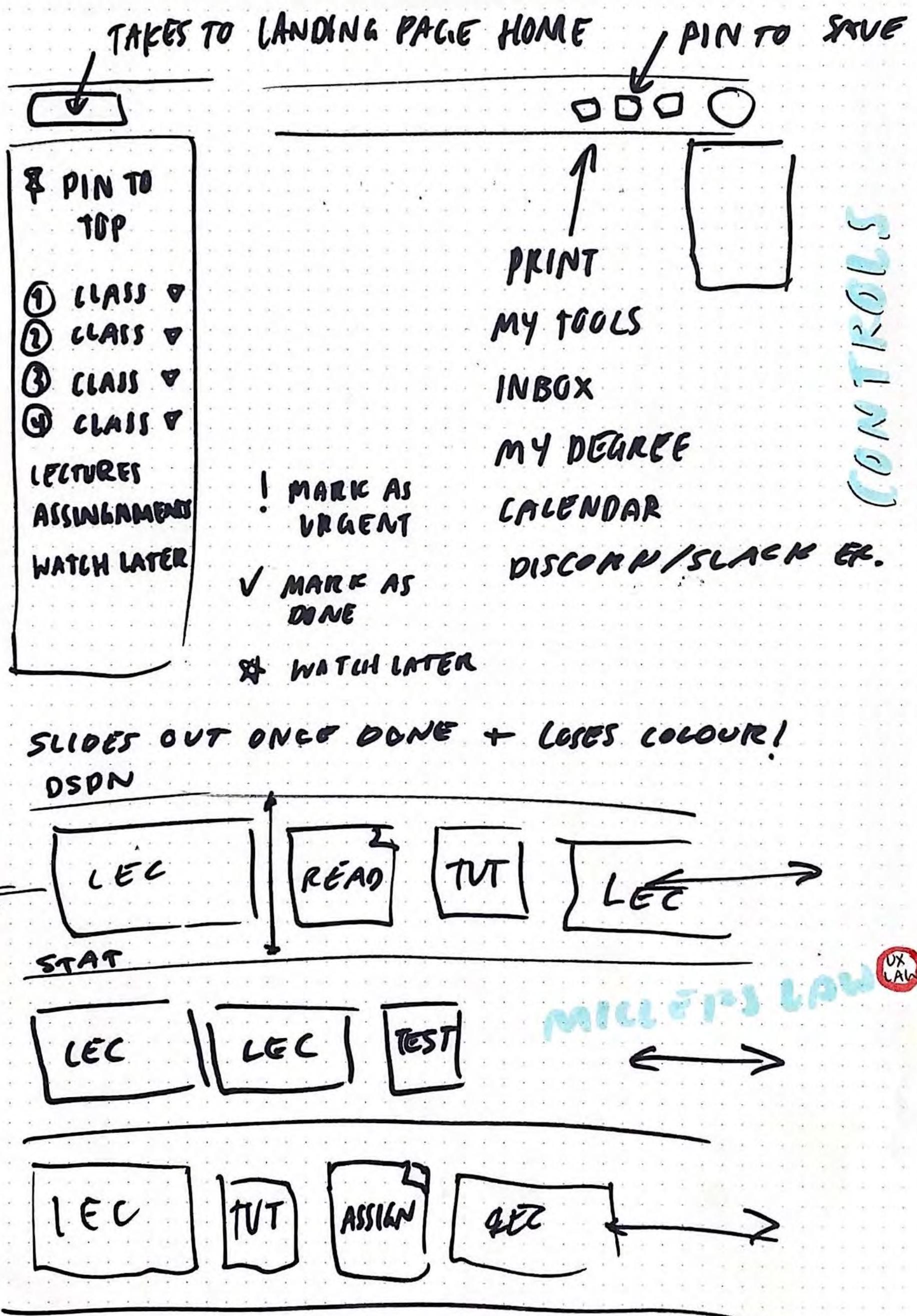
Developments 2

Workflow Integration Brainstorm



Developments 3

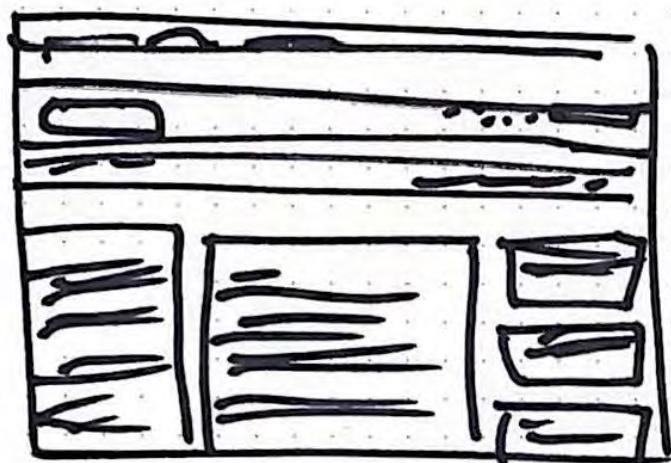
Controls and Landing Page



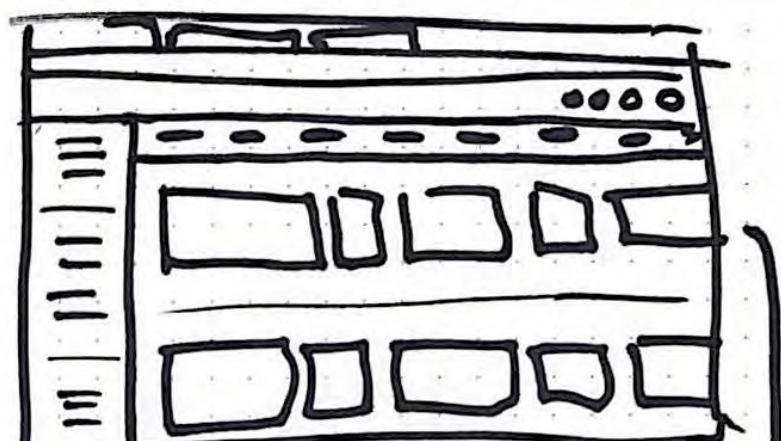
Developments 4

Visualising Major Changes

DEVELOPMENT 4

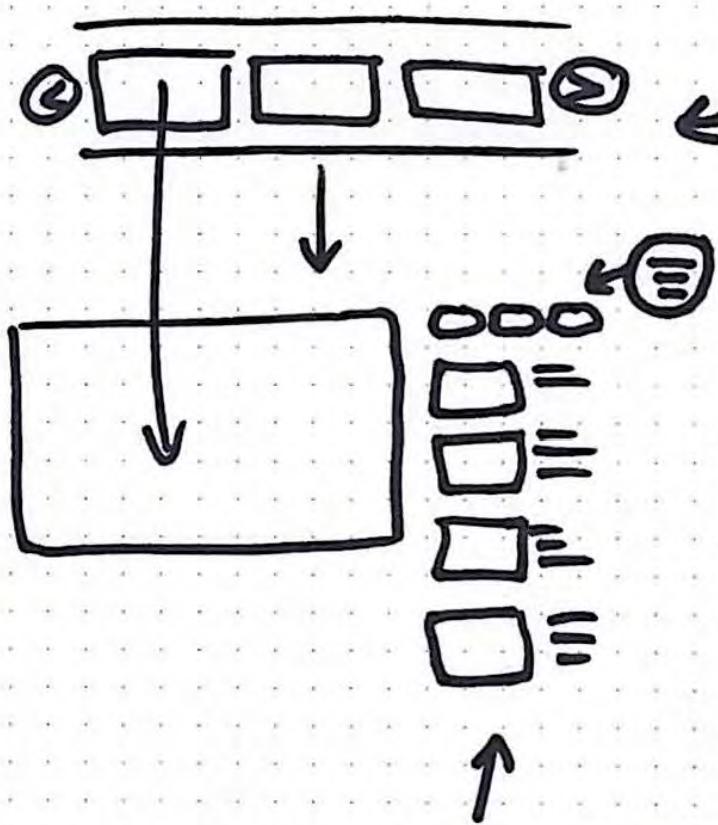


OLD BB

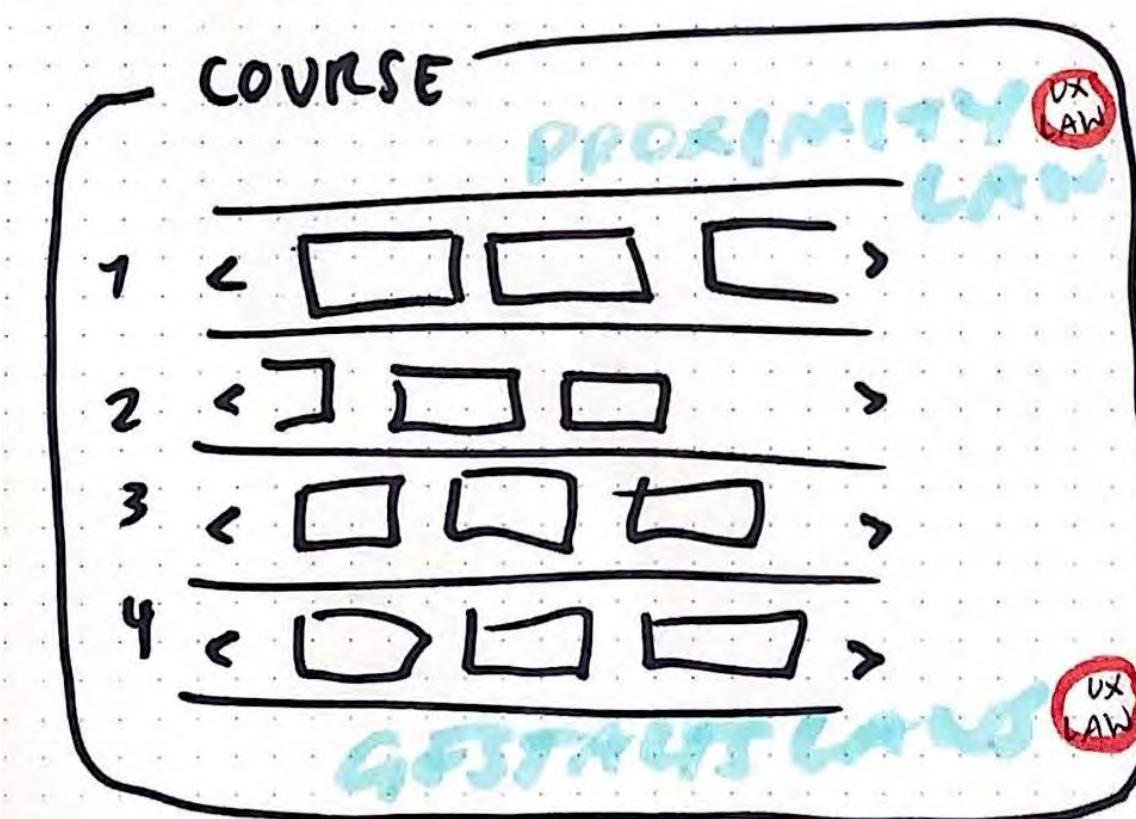


NEW BB

- ⌚ WATCH AGAIN
- ⚙ SETTINGS
- Ⓜ ZOOM IN
- ⓘ HELP



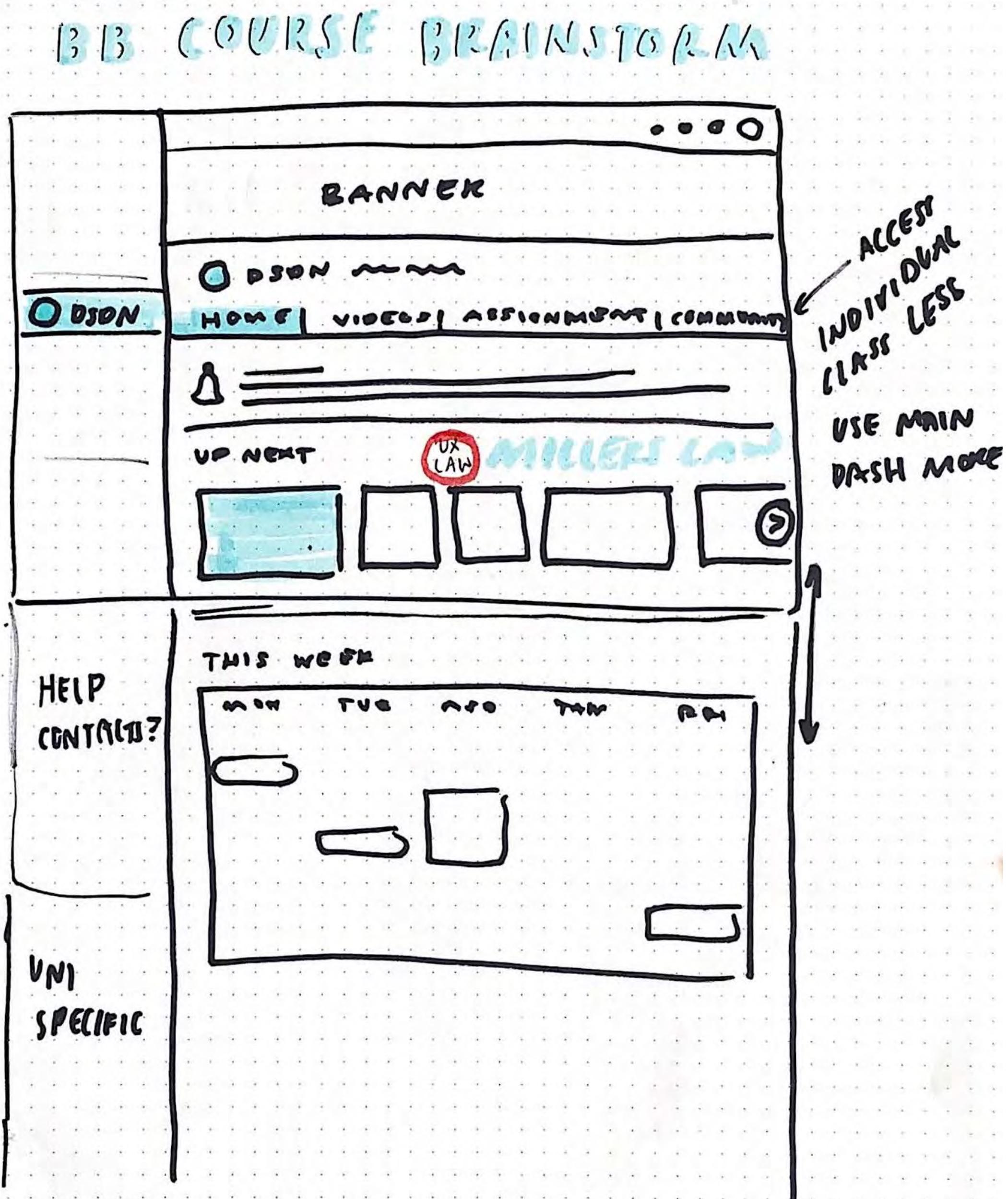
flips orientation
to have up
next down
side.



ADJUST FROM
'WEEKS'
TO CHRONOLOGICAL
PREVENTS GAPS IN
STUDY!

Prototype Development

Course Landing Page Brainstorm



Developing Jakob's UX Law

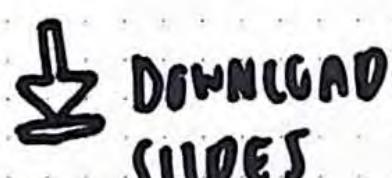
Ideas for Consistency

JAKOB'S LAW UX LAW

USERS PREFER SITES TO WORK THE SAME AS ONES THEY ALREADY USE

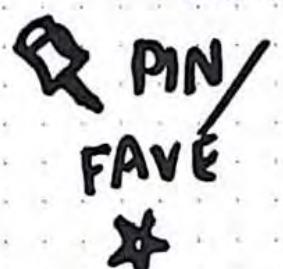
CONSISTENT FEATURES

ACROSS COURSES

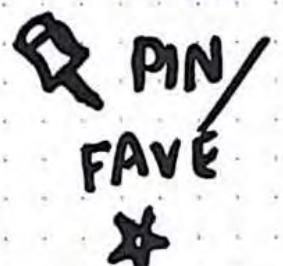


DOWNLOAD
SLIDES

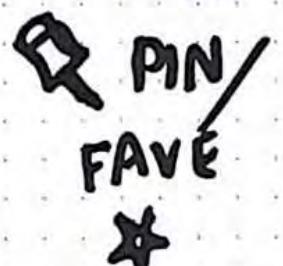
OR OFFLINE!



+ ADD TO
QUEUE



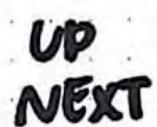
PIN
FAVE



SEARCH



ZOOM
ACCESS



UP
NEXT



ANNOUNCEMENT

CALENDAR

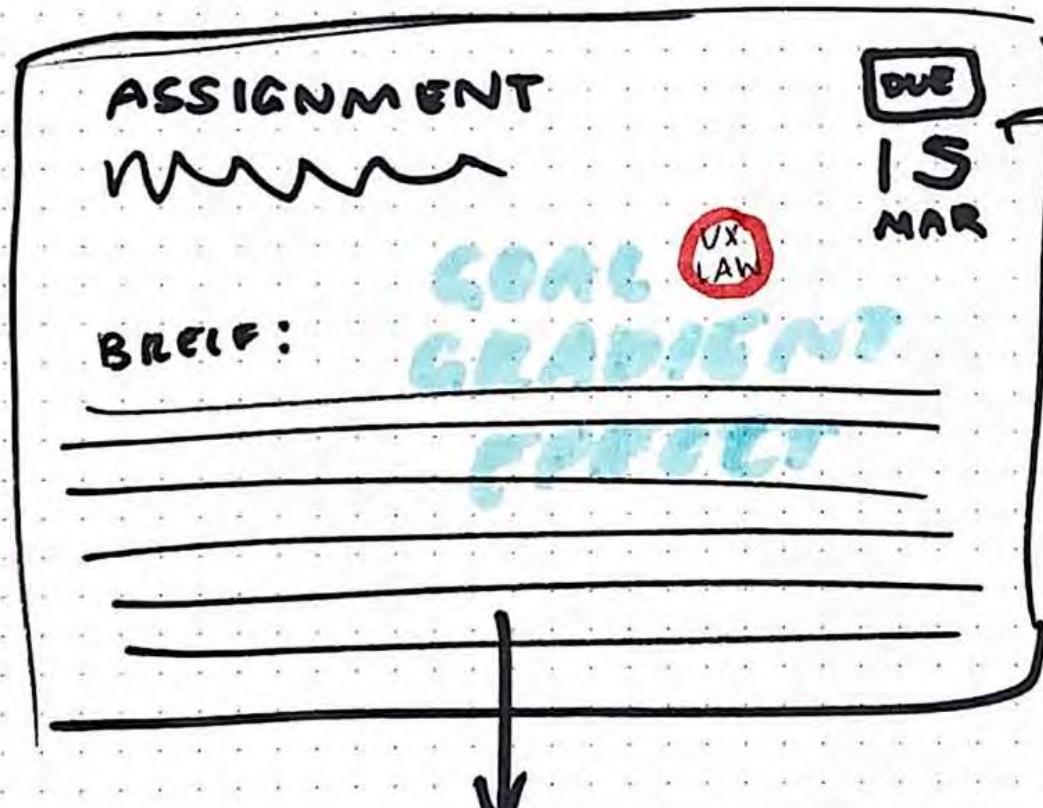
CONTACT
HELP

COMMUNITY!

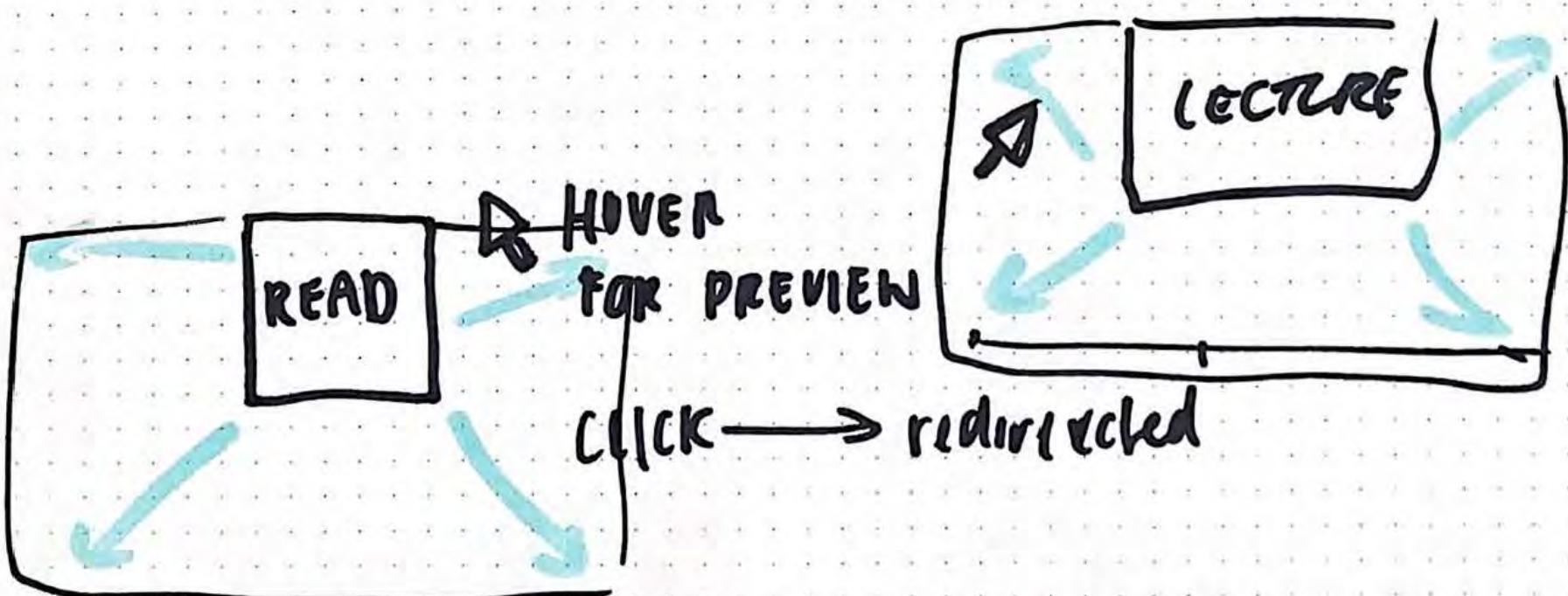
WATCHED/VIEWED/
COMPLETE!

EASY
READ
CONSISTENT

ANNOUNCEMENT
COLOUR URGENCY?
→ BOLD MOST IMPORTANT
→ GREY - NOTE

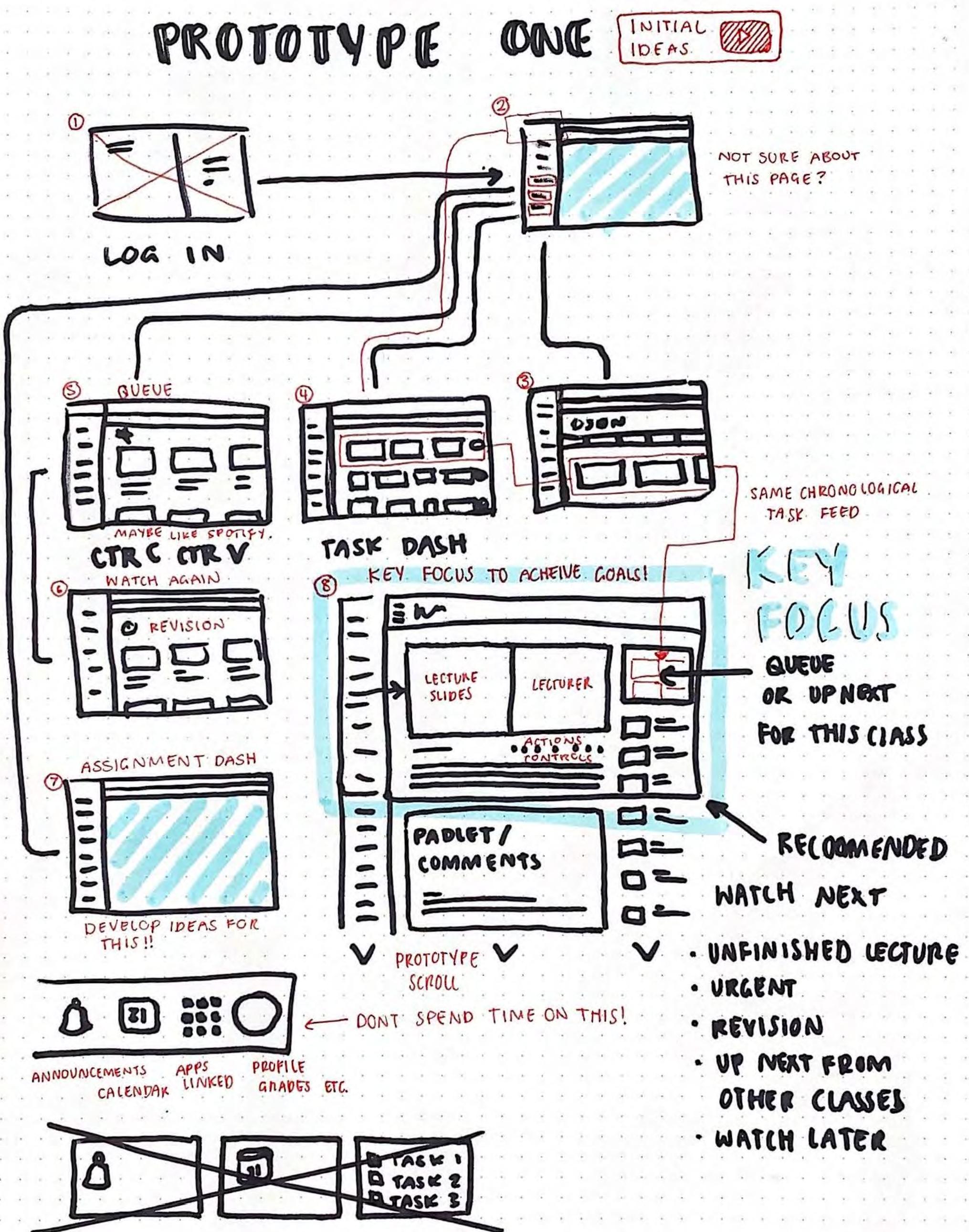


AUTO ADD TO
SIDE BAR UNDER ASSIGNMENTS



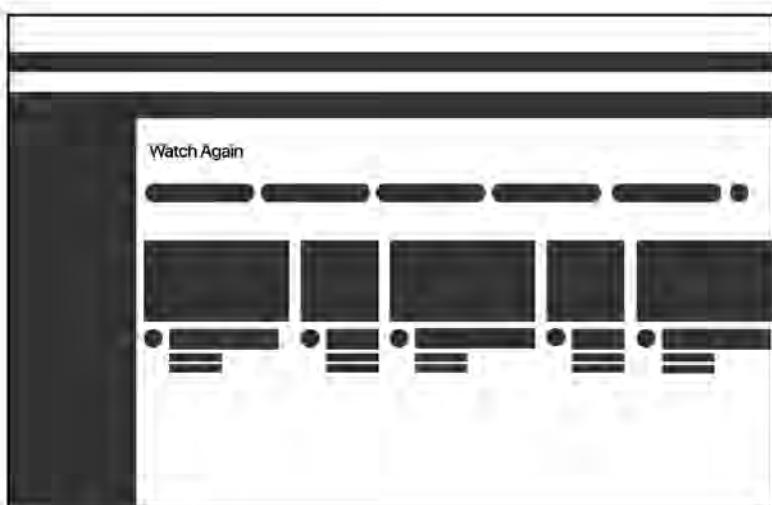
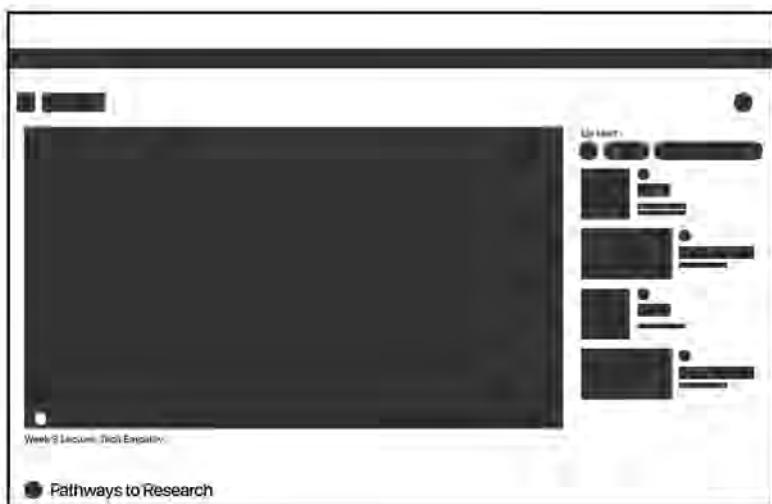
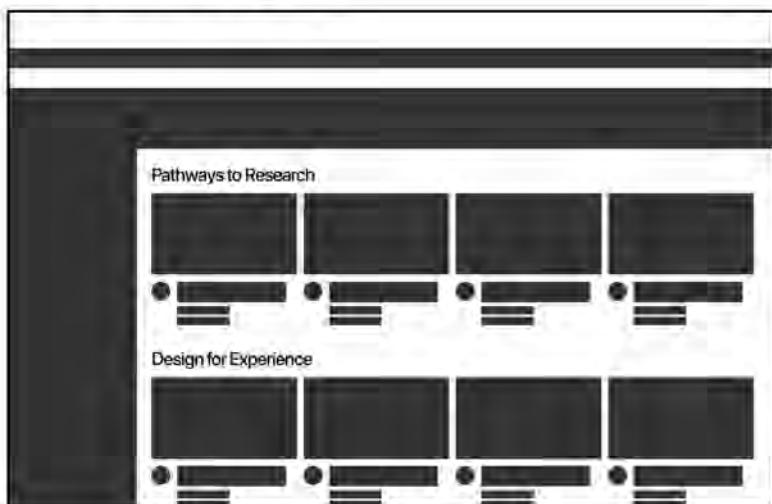
Prototype One

Wireframes of Initial Ideas



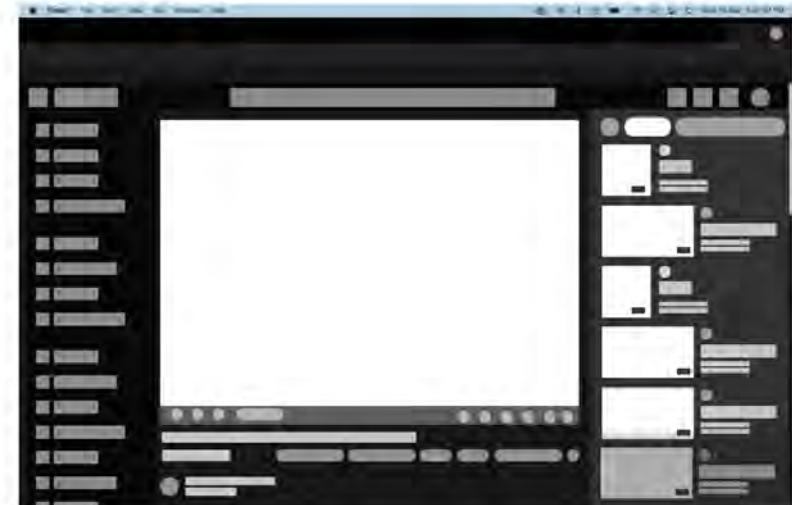
Prototype Two Low Fidelity Wireframes

Wireframes



Prototype Three Increasing Fidelity

Low-Fidelity Prototype

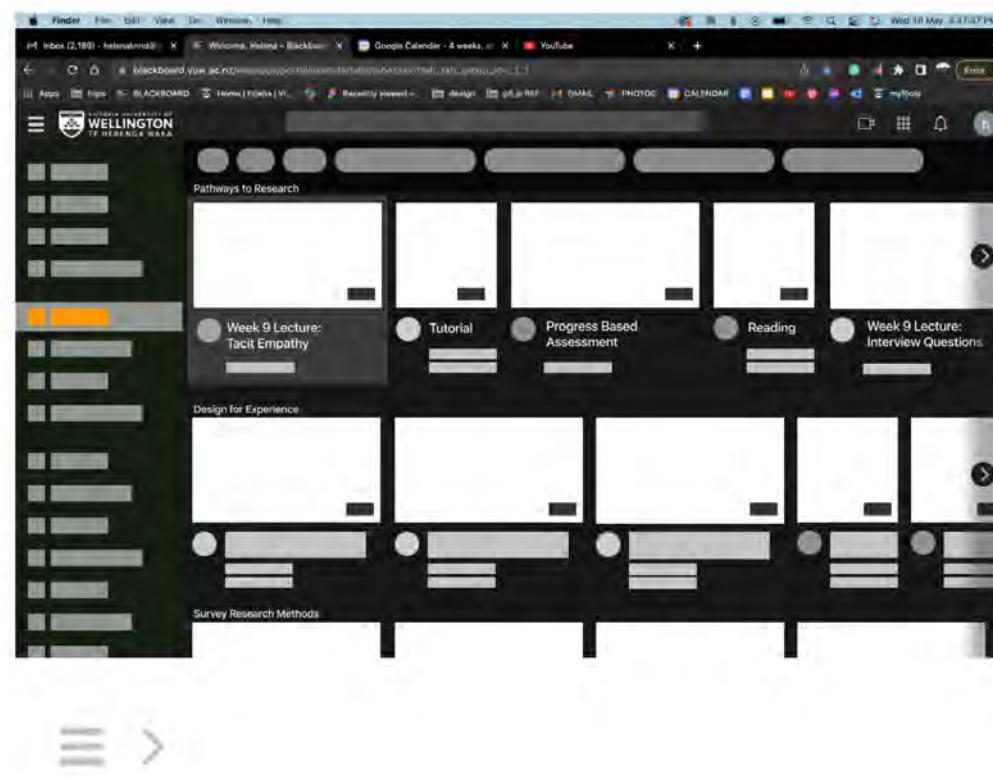


Prototype Four

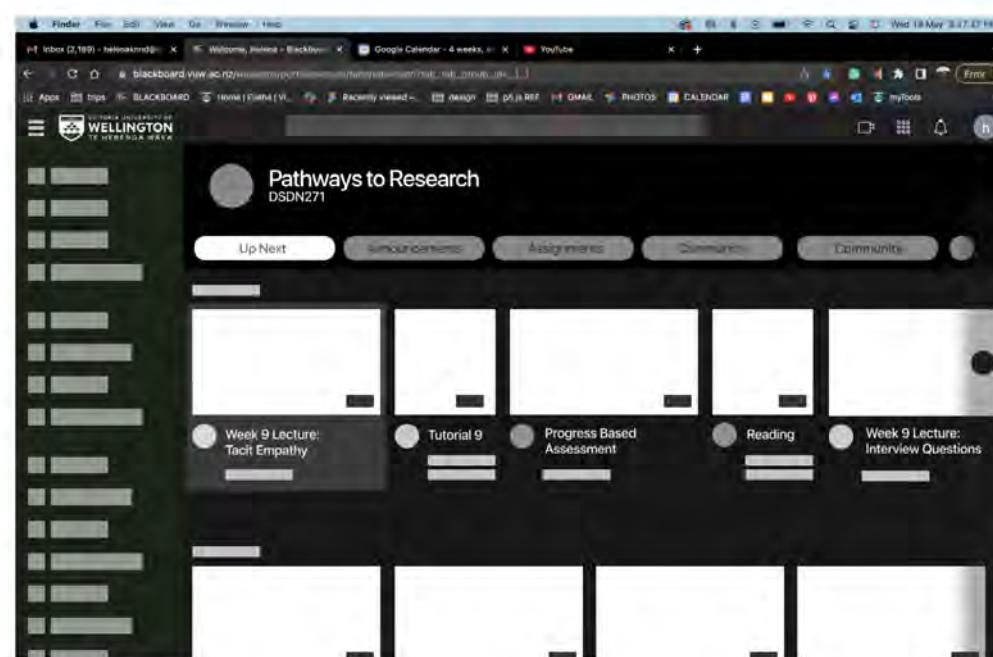
Exploring Chronological Task Flow

Low-Fidelity Prototype Development

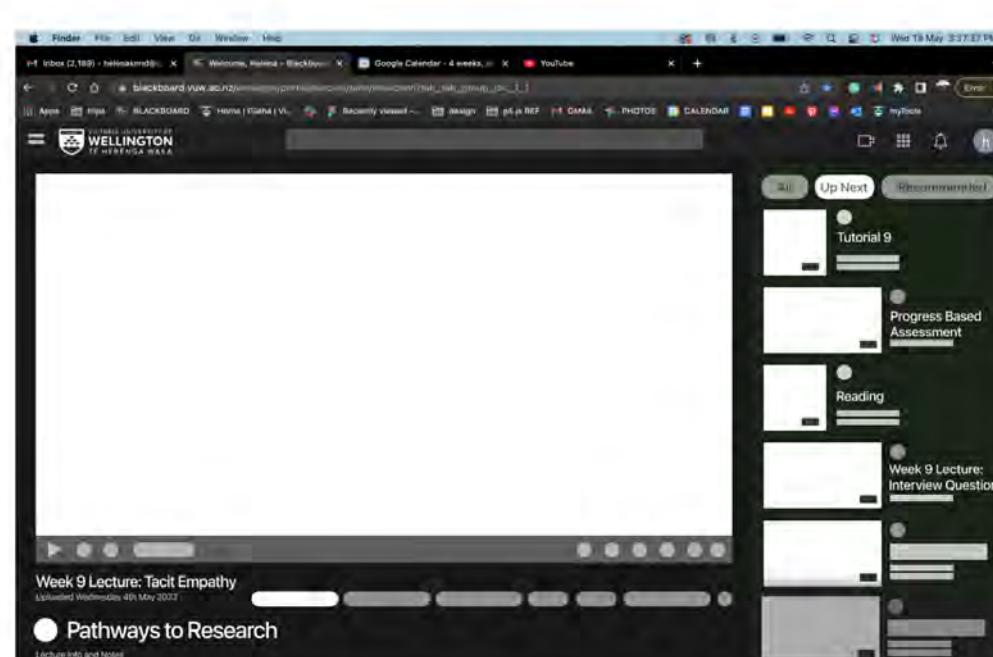
+ GREEN
COLOUR TO
MAKE DESIGN
UNIQUE TO VIC



- Fix up sizing px



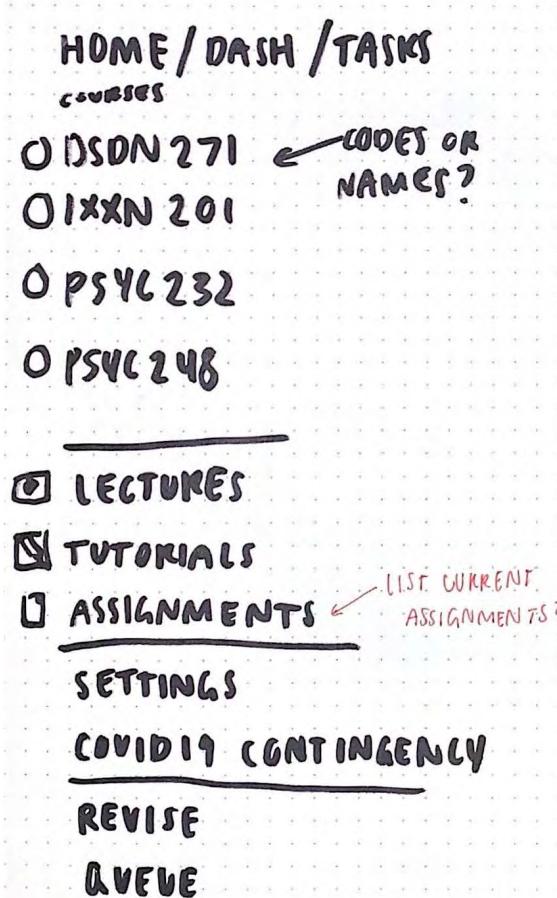
- decide on filtering system



- Feedback: doesn't need a circle on every task, can just have one at the top to distinguish the class.

- Feedback: adjust text sizes to have more hierarchy

Developing Prototype Ideas Adjustments + Feedback



Visual Task Thumbnails:

TABS?

COULD EXPLORE THIS IDEA FURTHER!

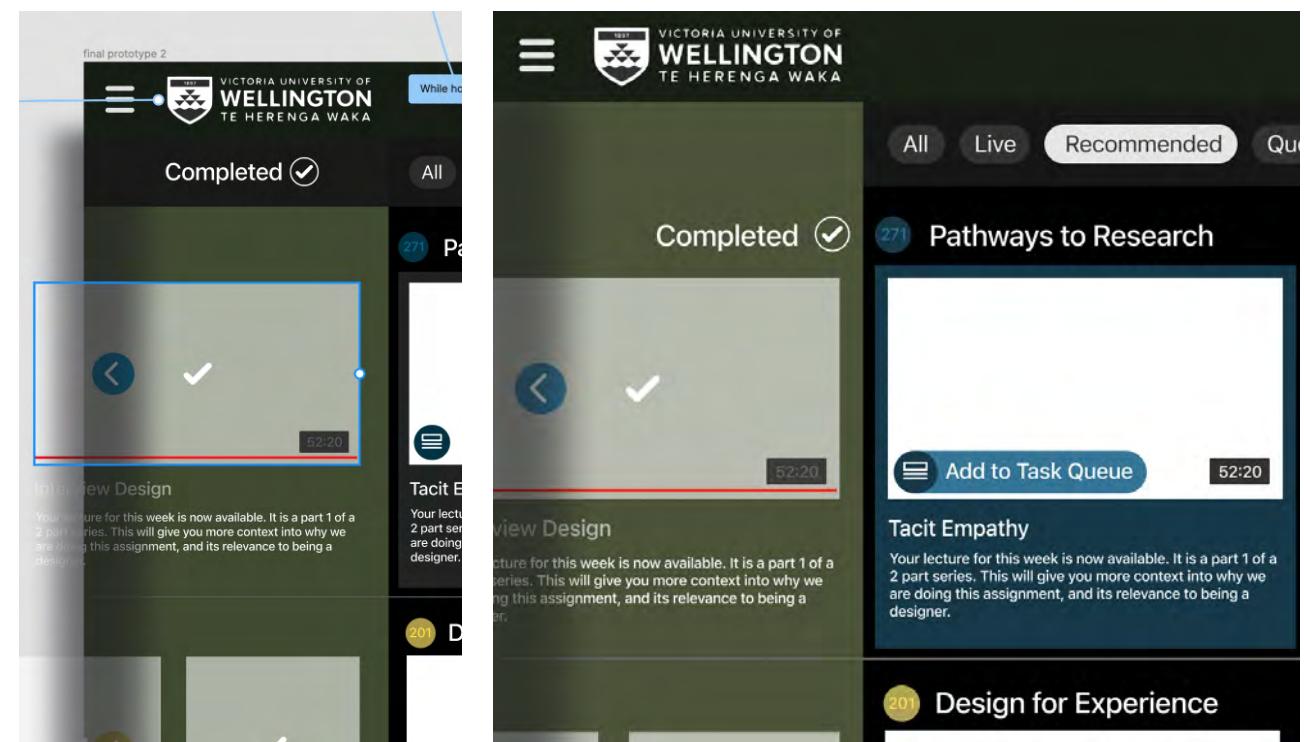
COULD BE VERY HANDY!

Things to add:

- Lecturer slot above queue
- Colour coding?
- Add the queue toggle
- Add notes to content and save it to review to revise at a later date
- Add assignment section
- Apps toggle?

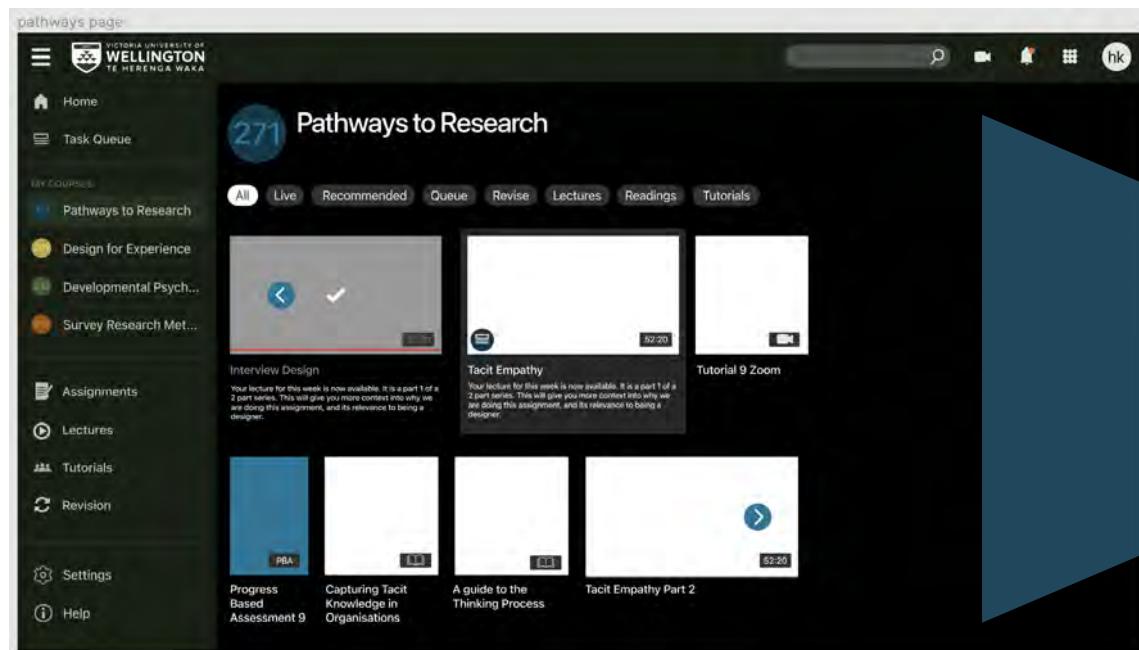
- Add details to menu - classes and queue and contacts
- Add contact section to class landing pages
- Figure out scrolls and pull out menus
- Drop down profile section
- Switch between tabs??
- Add padlet ss section below video content

Feedback from this workflow has been mostly positive but I was told that the green completed area looks a bit confusing. I got feedback to distinguish the completed area with colour rather than just fading out the completed tasks. To make it look more visually connected I lined up the completed sign to match up to the title of the class. Receiving good feedback about the aesthetics and the contrast between the old blackboard landing page and this landing page.



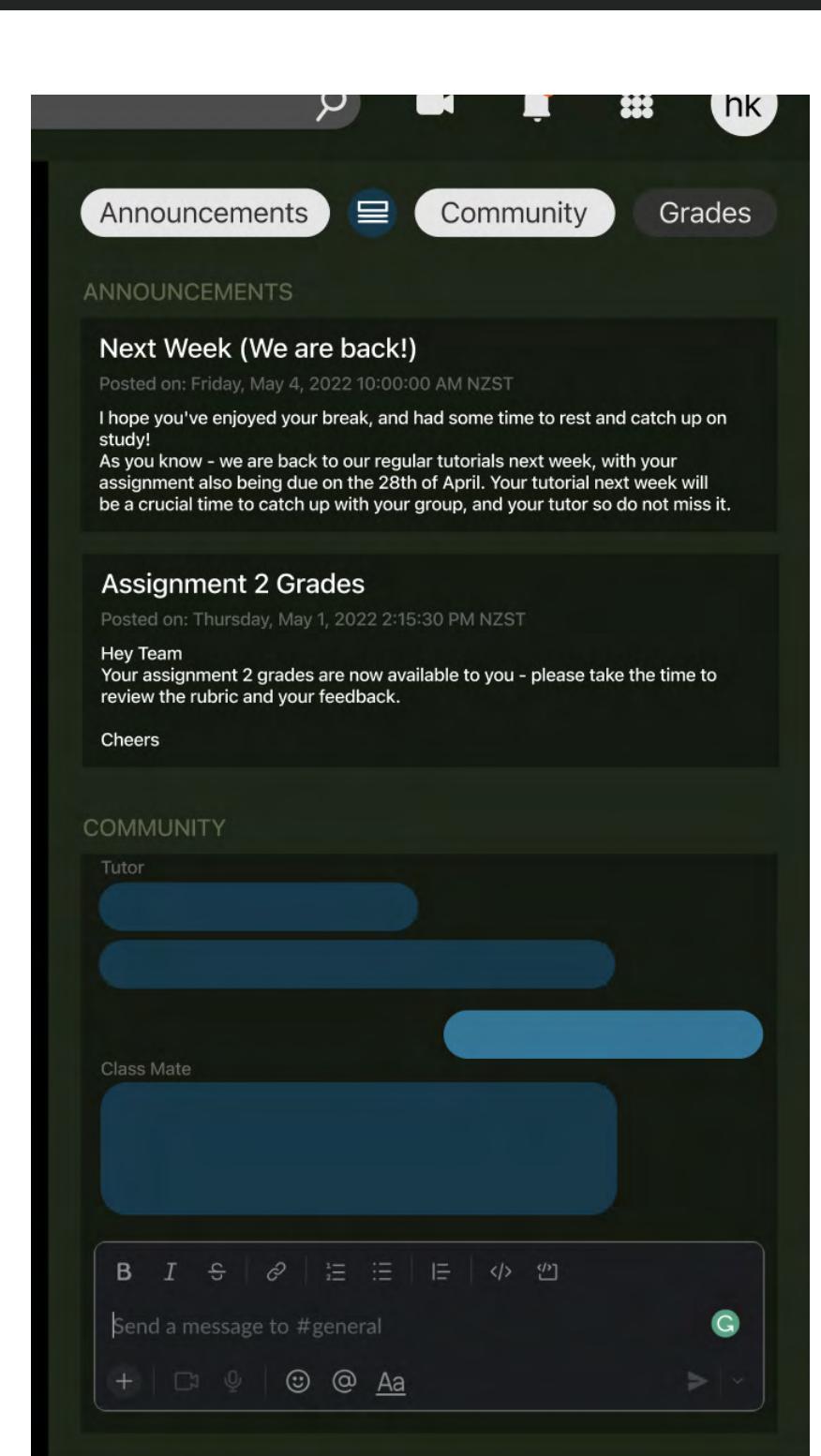
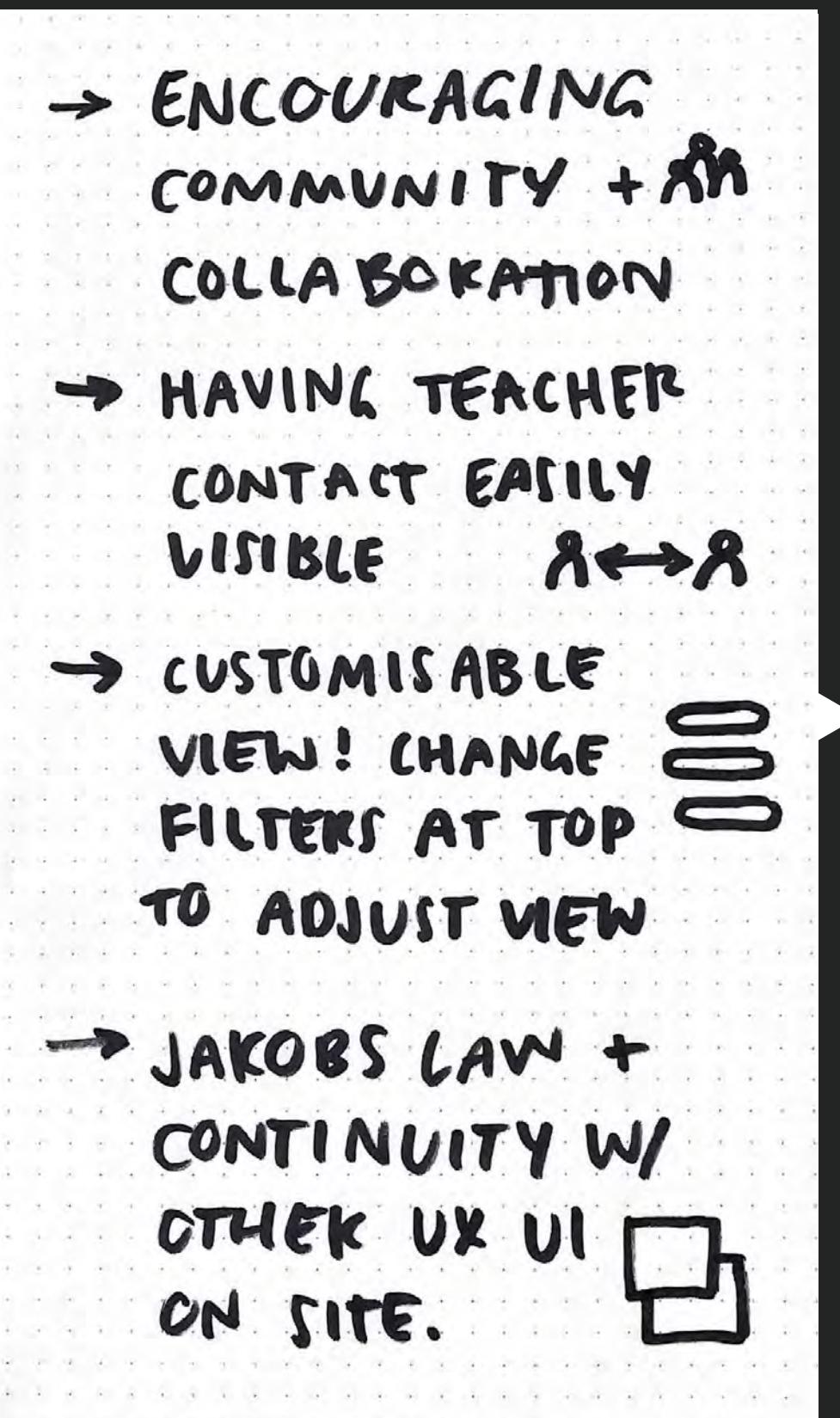
Developing Class Pages

Iterating to Improve Workflow



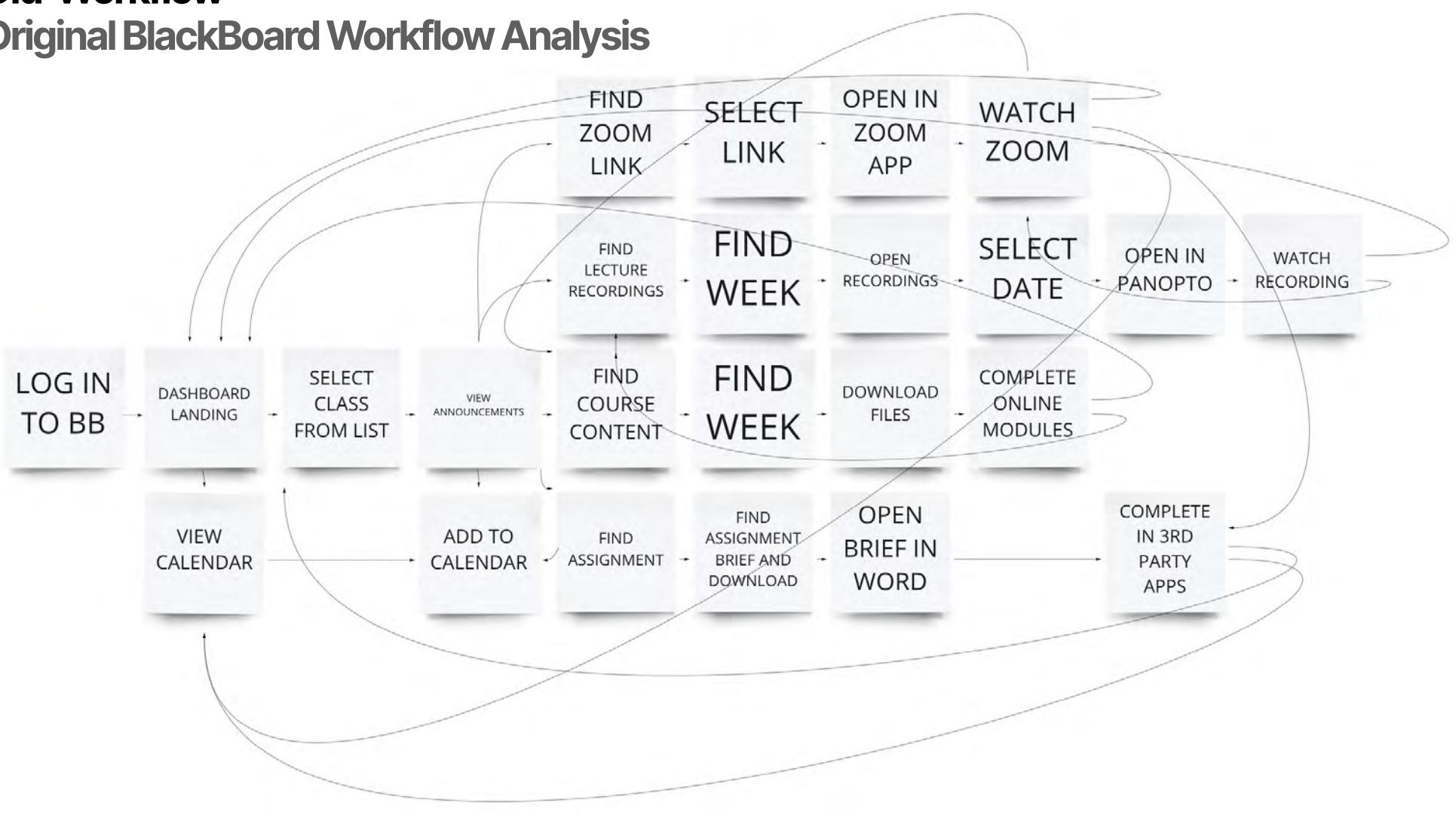
BLUE THEME

- CONSISTENT
- COLOUR CODING
- CUSTOM
- VISUAL
- ACCENT NOT OVERWHELM



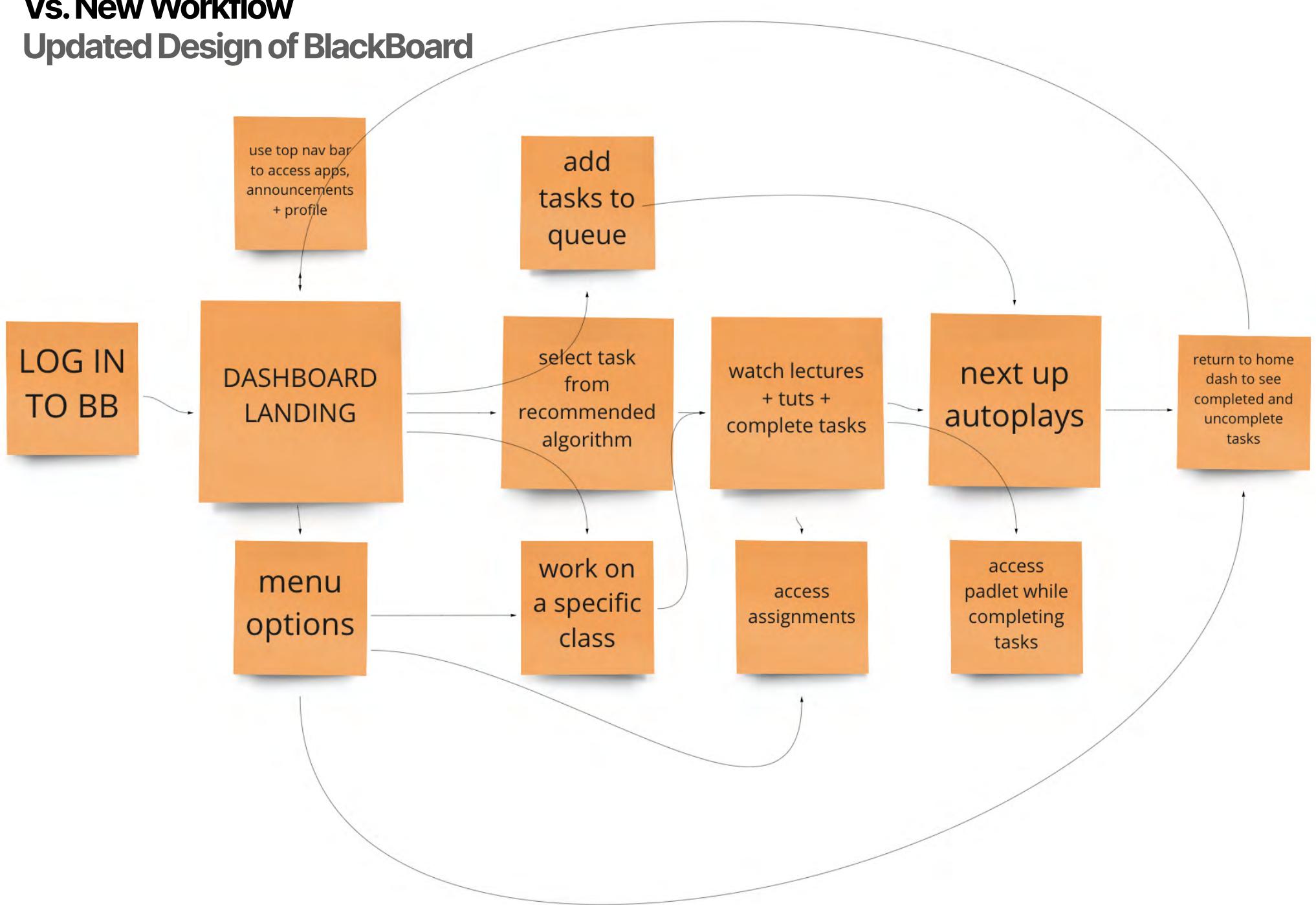
Old Workflow

Original BlackBoard Workflow Analysis



Vs. New Workflow

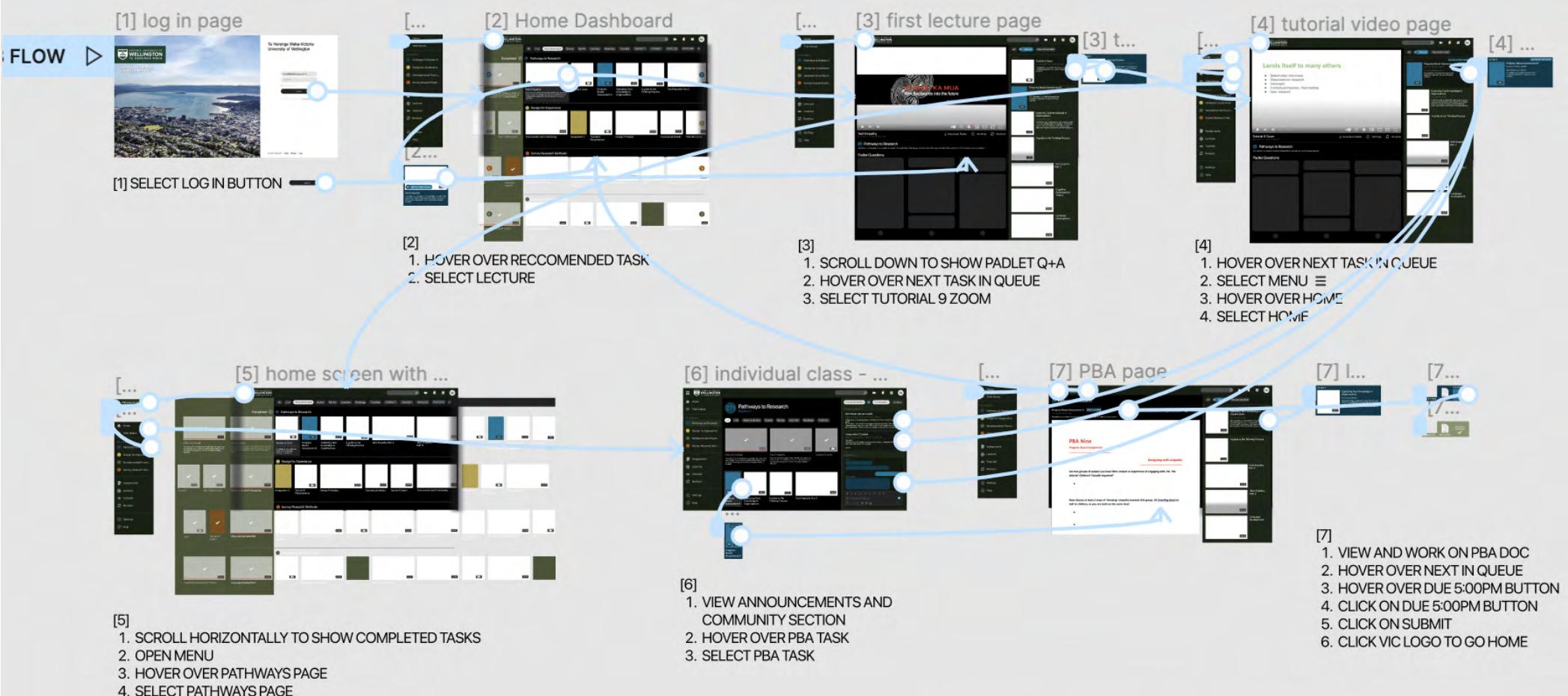
Updated Design of BlackBoard



Final Figma Prototype

<https://www.figma.com/file/CzOb5zW0NShY6pSo0mHouH/Victoria-University-Blackboard-Prototype-%5BHelena-Kennedy-300596981%5D?node-id=31%3A65>

Victoria University Blackboard High Fidelity Prototype Using Youtube Design Precedent



Final High Fidelity Prototype

Outcomes

For assignment two, I analysed a pre-existing system and applied learned knowledge to create a new and more productive online experience.

I used my psychological findings of reducing selection options, connecting workflows visually and making websites consistent to minimise the time it takes to get stuck into work. By updating the visual theme and workflow, I've created a comfortable, inviting and inspiring workspace. I have introduced a recommended filter and a task queue design that can leave users spending hours engaged through smart algorithms and streamlined interface design.

I would love to see a design similar to the one I have developed here implemented at VUW. This would improve students' online experience because Blackboard would support a flow state of learning and have visual elements that indicate progress as well as being easy to learn and use.