

WDD 330 Notes

lunes, 17 de abril de 2023 16:19

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- **SYLLABUS:** THE PURPOSE IS TO CREATE WEB APPS WITH HTML, CSS, AND JS WITHOUT FRAMEWORKS OR LIBRARIES.

PREREQUISITES:

- JS VARIABLES, SCOPE & TEMPLATE LITERALS
- ARRAY METHODS (.forEach(), .map(), .filter(), .sort())
- FUNCTION FORMS (DECLARATION, EXPRESSION, ARROW), AND CALLBACKS
- DOM MANIPULATION
- EVENT MANAGEMENT
- BASIC HTML, CSS AND JS

WEEK 1-9 => WORKING IN A TEAM A REAL PROJECT

WEEK 10-14 => DESIGN A COMPLETE PROJECT WITH THE TEAM

"MAGNIFY YOUR PROFESSIONAL CALLING"

- GENERATE YOUR OWN EXAMPLES, PLAY WITH IT
- AT THE END OF EACH CHALLENGE, YOU CAN REQUEST A REVIEW FROM THE TEACHER
- CREATE A PORTFOLIO TO SEE YOUR COURSE OUTCOMES ^{AND EVALUATE}

"BE RESPONSIVE FOR YOUR OWN EDUCATION"

ASK QUESTIONS!!

THE TEACHER WILL ASSUME YOU KNOW AND UNDERSTAND, UNLESS YOU ASK

- READ FOR UNDERSTANDING
- TAKE GOOD NOTES, WRITE QUESTIONS
- FIND YOUR OWN SOURCES AND PRACTICE

WORKING WITH GROUPS

SUCCESSFUL GROUPS RELIES ON COMMUNICATION

- MAKE YOUR GROUP A PRIORITY
- " " " FUNCTION AS ASYNCHRONOUSLY AS YOU CAN
 - ↳ you will need: 1) A good way to communicate
 - 2) " " " of tracking and assigning tasks
 - 3) Organized working
- MAKE REGULAR UPDATES TO YOUR GROUP → THROUGH SLACK OR MSTEAMS

TRELLO: CREATE A BOARD WITH AT LEAST 4 LIST:

- BACKLOG
- DEFECTS
- DOING
- DONE

- MOST TASK SHOULD TAKE LESS THAN 30 MIN

Q: How will we write these backlogs cards? Are there requirements?
Someone else can erase the cards I write?

GITHUB:

- MERGING CONFLICTS (PRACTICE & LEARN MORE)
- ignoring files (" " " ")
- BREAK DOWN INTO SMALL PIECES YOUR CODE
- SPREAD CODE ACROSS MANY SMALL FILES

Q: WHAT TO DO IF SOMEONE ERASED OR REPLACE YOUR CODE
BECAUSE DOESN'T LIKE IT HOW YOU WROTE IT?

MANAGING THE MODERN FRONTEND WORKFLOW

TOOLS TO HELP MANAGE DEVELOPMENT WORKFLOW:

1) PACKAGE MANAGERS: KEEP TRACKS OF ALL OF THE EXTERNAL DEPENDENCIES FOR OUR APP. (NPM)

2) BUNDLERS: COMPILING, TRANSPILING, CONCATENATING, MINIFYING AND MOVING AROUND OF ASSETS (SNOWPACK, PARCEL, WEBPACK)

3) TASK MANAGERS: KEEP TRACK OF WHAT NEEDS TO BE DONE AND WHEN (NPM, GENT, GUP)