FINAL CAPSTONE PRESENTATION.
IWA 19, BOOK CONNECT.

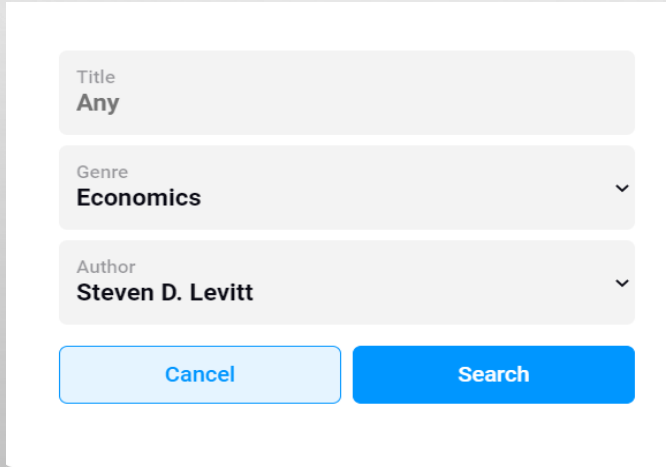TSHIRELETSO MPUDU

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IMPORTS.

- IMPORTED BOOKS, GENRES, AUTHORS AND BOOKS PER PAGE FROM DATA.JS

VARIABLES.

- IN THE CODE THE WAS SYNTAX ERRORS THROUGHOUT WHICH MADE IT DIFFICULT FOR THE BROWSER TO READ IT.

- DECLARED THE VARIABLES WHICH WERE NOT DECLARED SO THAT THEY ARE STORED AND ARE ABLE TO MANIPULATED LATER IN THE CODE.
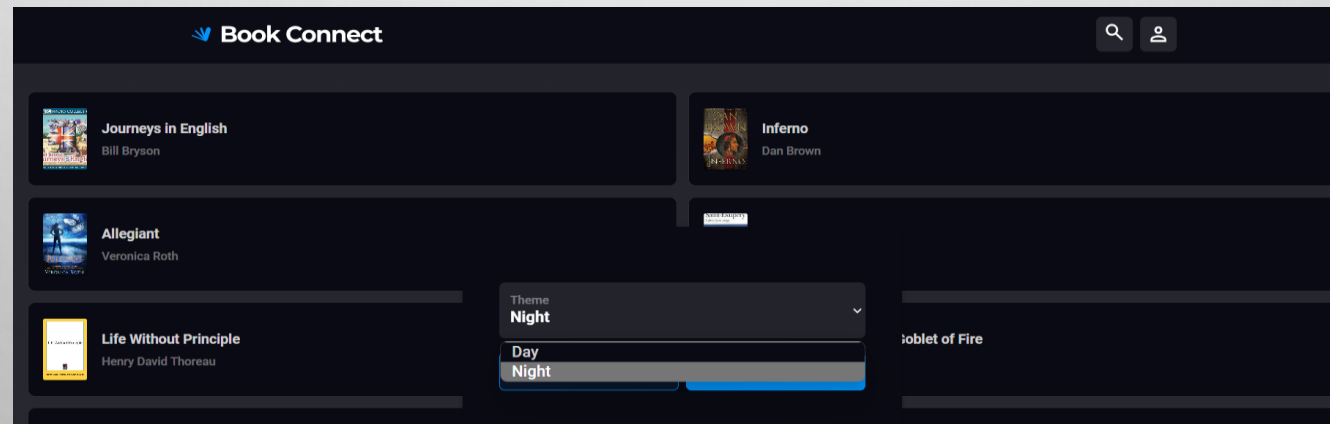
SEARCH AND SETTINGS BUTTONS.

- THE CODE HAD SYNTAX ERRORS HENCE THE BUTTONS WERE NOT RESPONSIVE AS THE JS COULD NOT READ WHAT IT NEEDED TO DO.

- INTRODUCED EVENT LISTENERS SO THAT WHEN THE SEARCH BUTTON IS CLICKED IT DISPLAYS THE SEARCH OVERLAY ELEMENT AND WHEN THE CANCEL BUTTON IS CLICKED IT HIDES THE SEARCH OVERLAY ELEMENT.

- SAME APPLIES TO THE SETTING BUTTONS, IF THE SETTING BUTTON IS CLICKED THE SETTINGS OVERLAY IS PLAYED AND WHEN THE CANCEL BUTTON IS CLICKED IT HIDES THE SETTING OVERLAY ELEMENT.

CHANGING THE THEMES.

- THE CODE WAS INCOMPLETE HENCE IT WAS NOT ALLOWING TO BE CLICKED ON

- USED THE EVENT LISTENER ON A SAVE BUTTON SO THAT WHEN THE USER CLICKS THE BUTTON THE SAVE THEME SELECTED IS ABLE TO DISPLAY.

- IT ALSO ENSURES THAT THE CHANGES ARE SAVED WHEN THE USER CHOOSES TO SAVE THEIR SETTING.

- INTRODUCED QUERY SELECTOR METHOD TO BE ABLE TO SELECT ELEMENTS FROM CSS WHICH ARE RESPONSIBLE FOR CHANGING THE THEME OF THE BROWSER .

- THE USER IS ABLE TO SWITCH BETWEEEN DAY & NIGHT, THE 'SET PROPERTY' IS USED TO SET CUSTOM CSS VARIABLES WHICH CONTROL THE COLOR.
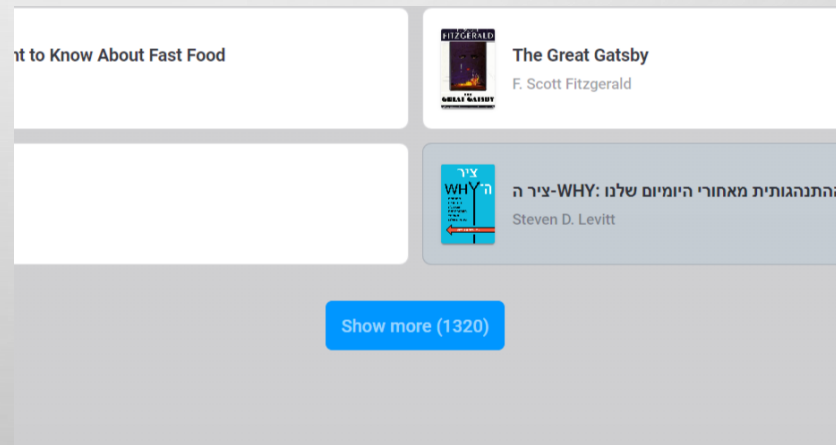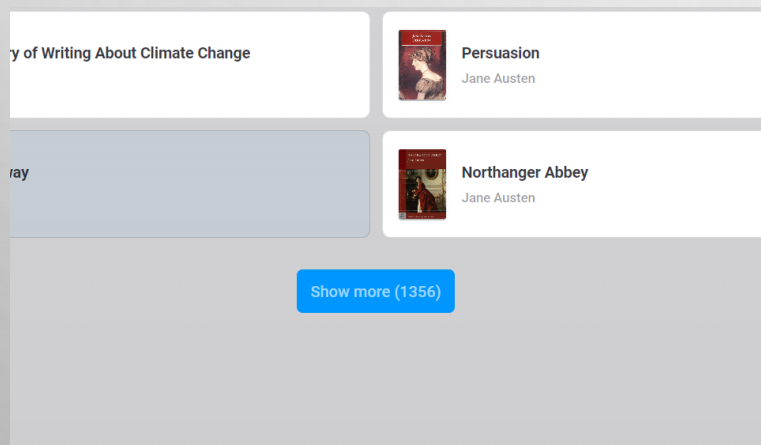
SEARCH OPTION.

- IN THE DATA-SEARCH-FORM.CLICK(FILTERS) FUNCTION THERE IS AN UNDEFINED VARIABLE "RESULT" WHICH IS BEING ASSIGNED AN EMPTY LIST[]

- IN DATA-SEARCH-CANCEL-CLICK, EVENT LISTENERS WERE NOT INTRODUCED SO THAT THE BUTTON CAN RESPOND WHEN CLICKED

- DECLARED THE SEARCH BUTTON USING CONST

- USED DOCUMENT QUERY SELECTOR TO RETRIEVE THE FIRST ELEMENT IN THE DOCUMENT THAT MATCHES THE CSS SELECTOR
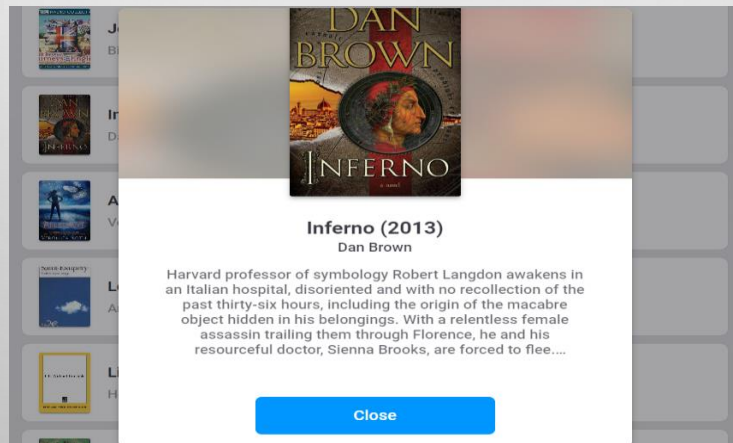
SHOW MORE BUTTON.

- THE CODE WAS ONLY TRYING TO SHOW MORE BOOKS THROUGH HTML IN JS ONLY WITHOUT ACTUALLY USING JS LANGUAGE.

- INTRODUCED FUNCTIONS TO DISPLAY THE LIST OF BOOKS SETATTRIBUTE () METHOD TO ADD CSS STYLE TO DISPLAY THE SHOW MORE BTN ELEMENT CHANGING THE COLOUR TO A SEMI-TRANSPARENT WHITE.

- THE FUNCTION UPDATEBOOKLEFT () CALCULATES HOW MANY BOOKS ARE LEFT TO DISPLAY WHILE THE SHOWMOREACTION FUNCTION FOCUSES ON THE LOGIC OF ADDING MORE BOOKS TO THE LIST .

PREVIEW.

- EXTRACTED VARIABLE IS NOT DEFINED, IT IS NOT CLEAR WHAT 'I' REPRESENT.

- NODE VARIABLE IS NOT DEFINED, PATHWAY ARRAY IS NOT CLEAR WHAT IT REPRESENT AND ACTIVE VARIABLE IT IS NOT DEFINED BEFORE IT IS USED IN THE LOOP.

- USED A FUNCTION CALLED 'DESCRICTIONOVERLAY' WHICH IS AN EVENT LISTENER FOR CLICK EVENT ON A BOOK PREVIEW ELEMENT.

- TO DISPLAY THE DIALOG-BOX WE USE THE QUERY SELECTOR WHERE THE OVERLAY WILL BE APPENDED.

- THE DIALOG BOX HAS THE BOOK SUMMARY OVERLAY WHEN A BOOK PREVIEW IS CLICKED BY THE USER AND DISPLAYS DETAILS ABOUT THE BOOK IN THE OVERLAY.

DISPLAYING AND INTERACTING WITH THE WEB PAGE.

- LASTLY, INTRODUCED AN EVENT LISTENER CALLED 'ADDEVENTLISTERNER' TO THE ENTIRE DOCUMENT WHICH WILL EXECUTE THE 'APPENDBOOK' FUNCTION WHENEVER THE DOCUMENT IS CLICKED.

- USED A FOR LOOP TO ITERATE THROUGH ALL THE ELEMENTS IN 'BOOKLIST' AND ADDED AN EVENT LISTENER TO EACH ONE.