Mian UTHM LaTeX code

```latex
\documentclass[12pt,a4paper,oneside]{report}

% ====================================================================
% 1) PAGE LAYOUT (University requirement)
% ====================================================================
\usepackage[a4paper,left=4cm,right=2.5cm,top=2.5cm,bottom=2.5cm]{geometry}

% ====================================================================
% 2) LINE SPACING (1.5)
% ====================================================================
\usepackage{setspace}
\setstretch{1.5}
\usepackage{wrapfig}

% ====================================================================
% 3) BASIC PACKAGES
% ====================================================================
\usepackage{multicol}
\usepackage{float}
\usepackage{graphicx}
\usepackage{amsmath}
\usepackage{algorithm}
\usepackage{algorithmic}
\usepackage{tocloft}
\usepackage{fontspec}


% ====================================================================
% Page Landscape
% ====================================================================

\usepackage{lscape}    % pdflscape


% ====================================================================
% 4) TABLE PACKAGES
% ====================================================================
\usepackage{tabularx}
\usepackage{array}
\usepackage{multirow}

% ====================================================================
% 5) TEXT ALIGNMENT
% (define safe fallbacks before using TOC stuff)
\providecommand{\TOCprelim}[1]{#1}
\providecommand{\FrontTOC}[1]{%
    \addcontentsline{toc}{chapter}{#1}%
}
\makeatletter
\renewcommand{\FrontTOC}[1]{%
    \begingroup
    \edef\FrontTOCpage{\roman{page}}% <-- literal roman text (e.g., xiii)
    \phantomsection% correct hyperlink target
    \addtocontents{toc}{%
        \protect\contentsline{chapter}{%
            \protect\TOCprelim{%
                \protect\makebox[\textwidth][c]{%
                    \parbox{5.9cm}{\raggedright #1}%
                }%
            }%
        }{\FrontTOCpage}{\@currentHref}%
    }%
    \endgroup
}
\makeatother

\usepackage{amssymb}
\usepackage{enumitem}

\usepackage{ragged2e}
\AtBeginDocument{\justifying}

% ====================================================================
% 6) FONT (Times New Roman 12pt)
```

```latex
% ======================================================================
\usepackage{fontspec}
\setmainfont{Times New Roman}

% ======================================================================
% 7) PARAGRAPH RULES
% ======================================================================
\setlength{\parindent}{1.25cm}
\setlength{\parskip}{0pt}


%============disables automatic word hyphenation
\usepackage[none]{hyphenat}
\emergencystretch=3em

\newcommand{\TermLabel}[1]{\hbox to 1.6em{\hfil #1\hfil}}

% ======================================================================
% 8) HEADING FORMATTING
% ======================================================================
\usepackage{titlesec}
\titleformat{\chapter}[display]
{\centering\bfseries\fontsize{12}{18}\selectfont}
{\MakeUppercase{\chaptername}\ \thechapter}
{1\baselineskip}
{\MakeUppercase}
\titlespacing*{\chapter}{0pt}{3\baselineskip}{1\baselineskip}

\titleformat{\section}
{\bfseries\fontsize{12}{16}\selectfont}
{\thesection}{1.2em}{}
\titlespacing*{\section}{0pt}{1\baselineskip}{1\baselineskip}

\titleformat{\subsection}
{\bfseries\fontsize{12}{14}\selectfont}
{\thesubsection}{1.2em}{}
\titlespacing*{\subsection}{0pt}{1\baselineskip}{1\baselineskip}

\titleformat{\subsubsection}
{\bfseries\fontsize{12}{14}\selectfont}
{\thesubsubsection}{1.2em}{}
\titlespacing*{\subsubsection}{0pt}{1\baselineskip}{1\baselineskip}

% ======================================================================
% 9) TABLE OF CONTENTS DEPTH
% ======================================================================
\setcounter{tocdepth}{2}
\usepackage{tocloft}

\usepackage[hidelinks,bookmarks=false]{hyperref}

% ======================================================================
% 10) FIGURE/TABLE CAPTIONS
% ======================================================================
\usepackage{caption}
\captionsetup{
    font=normalsize,
    labelfont=normalfont,
    textfont=normalfont,
    justification=centering
}
% >>> Bold Table
\captionsetup[table]{labelfont=bf, textfont=normalfont, labelsep=colon}
\captionsetup[figure]{labelfont=bf, textfont=normalfont, labelsep=colon}

% ======================================================================
% 11) PAGE NUMBERING CONTROL
% ======================================================================
\newcommand{\blankpage}{
    \clearpage
    \thispagestyle{empty}
    \null
    \clearpage
}

% ======================================================================
\setcounter{secnumdepth}{3}
\setcounter{tocdepth}{2}
```

```latex
\emergencystretch=3em
\hbadness=9999
\hfuzz=1pt

\usepackage{etoolbox}
\patchcmd{\chapter}{\thispagestyle{plain}}{\thispagestyle{empty}}{}{}

%=========================================
% --- Force page number ON for References first page only ---
\makeatletter
\patchcmd{\thebibliography}
{\chapter*{\bibname}}
{\chapter*{\bibname}\thispagestyle{plain}}
{}{}
\makeatother
%=========================================

%=========================================
% --- Restore page number on appendix first pages ---
\usepackage{etoolbox}
\makeatletter
\appto\appendix{%
    \patchcmd{\chapter}{\thispagestyle{empty}}{\thispagestyle{plain}}{}{}%
}
\makeatother
%=========================================

\begin{document}
    % ==========================================================
    % FRONT MATTER (UTHM)
    % Requirement:
    % - second_frontpage = i (COUNTED) but HIDDEN
    % - signature_student = ii (VISIBLE) and onwards visible
    % - TOC shows roman i, ii, iii... correctly
    % ==========================================================
    \cleardoublepage
    \pagenumbering{roman}

    % ---- Pages BEFORE second_frontpage (no TOC numbering requirement stated here)
    % If you want them NOT counted, keep them before roman starts.
    % If you want them counted too, move them below this line.
    \input{frontmatter/frontpage}
    \FrontTOC{TITLE}
    \clearpage

    \blankpage

    \input{frontmatter/declaration1}
    \FrontTOC{STUDENT DECLARATION}
    \thispagestyle{empty}
    \clearpage

    \input{frontmatter/examination_approval}
    \thispagestyle{empty}
    \clearpage

    % --------------- FORCE second_frontpage to be i ---------------
    \setcounter{page}{1}

    \input{frontmatter/second_frontpage}
    \thispagestyle{empty}   % hide printed &quot;i&quot;
    \clearpage

    % --------------- signature_student becomes ii and visible ---------------
    \pagestyle{plain}

    \input{frontmatter/signature_student}
    \clearpage

    \input{frontmatter/dedication}
    \FrontTOC{DEDICATION}
    \clearpage

    \input{frontmatter/acknowledgement}
    \FrontTOC{ACKNOWLEDGEMENT}
    \clearpage

    \input{frontmatter/abstract}
    \FrontTOC{ABSTRACT}
```

```latex
    \clearpage

    \input{frontmatter/abstrak}
    \FrontTOC{ABSTRAK}
    \clearpage
    % Print TOC (styled by content.tex)
    \input{content.tex}
    \FrontTOC{CONTENTS}
    \clearpage

    \input{frontmatter/listoftables}
    \FrontTOC{LIST OF TABLES}
    \clearpage

    \input{frontmatter/listoffigures}
    \FrontTOC{LIST OF FIGURES}
    \clearpage

    \input{frontmatter/listofsymbols}
    \FrontTOC{LIST OF SYMBOLS AND ABBREVIATIONS}
    \clearpage

    \input{frontmatter/listofappendices}
    \FrontTOC{LIST OF APPENDICES}
    \clearpage


    % ---------- Main text ----------
    \pagenumbering{arabic}
    \setcounter{page}{1}
    \pagestyle{plain}

    \input{chapters/chapter1}
    \input{chapters/chapter2}
    \input{chapters/chapter3}
    \input{chapters/chapter4}
    \input{chapters/chapter5}

    % =====================================================
    % REFERENCES
    % =====================================================
    \cleardoublepage
    \renewcommand{\bibname}{REFERENCES}

    % --- Write TOC entry using TOCmain (flush-left + page number) ---
    \addtocontents{toc}{%
        \protect\contentsline{chapter}{\protect\TOCmain{REFERENCES}}{\thepage}{}%
    }
    \begingroup
    \setstretch{1.0}
    \bibliographystyle{IEEEtran}
    \bibliography{references}
    \endgroup


    % =====================================================
    % APPENDICES
    % =====================================================
    \appendix
    \input{appendices/appendixA}
    \clearpage

    % =====================================================
    % PUBLICATIONS
    % =====================================================
    \appendix
    \input{frontmatter/publication}
    \clearpage


    \input{frontmatter/vitae}

\end{document}
```