library(shinyFiles)

library(shiny)

library(readxl)

library(XLConnect)

library(dplyr)

library(tidyr)

library(ggplot2)

library(data.table)

library(outliers)

library(gtools)

ui <- fluidPage(

shinyDirButton("Btn\_GetFolder", "Choose a folder" ,

title = "Please select a folder:",

buttonType = "default", class = NULL),

DT::dataTableOutput("contents")

#textOutput("txt\_file")

)

server <- function(input,output,session){

observe({

shinyDirChoose(input, "Btn\_GetFolder", roots = c(home = '~'), filetypes='xlsx' ,session =

session)

if(!is.null(input$Btn\_GetFolder)){

# browser()

myInputDir1 <- parseDirPath(c(home = '~'), input$Btn\_GetFolder)

listBands <- list.files(myInputDir1, full.names = T)

dat = lapply(listBands, function(i){

data = read\_excel(i, range = anchored("A43", dim = c(9, 13)))

date <- readxl::read\_excel(i, range = "E40", col\_names ="date")

plate <- cbind(data, date$date)

all\_plates = do.call("rbind.data.frame", dat)

output$contents <- DT::renderDataTable(all\_plates)

#output$txt\_file <- renderText(listBands)

})

}

})

}

shinyApp(ui = ui, server = server)