TAG_ow

```
loadData <- file.path('G:', 'OGA', 'G-PROG-ADVIEZEN', 'BEG', 'Team Data', 'apps', 'TAGeR', 'common', 'custom_functions_TAG_ow.R')

#-------------------------------------------------------------------------------
# Load data and initialize peiljaren lists
#-------------------------------------------------------------------------------
source(loadData, encoding = 'UTF-8')

peiljarenOnbez <- (as.numeric(format(Sys.Date(), "%Y"))-2):2014
peiljarenOnbez_dropdown <- ifelse(peiljarenOnbez %in% c(2016, 2017), paste(peiljarenOnbez, "niet-overstap"), peiljarenOnbez)
peiljarenOnbez_dropdown_met_BSQ <- case_when(peiljarenOnbez %in% c(2020) ~ peiljarenOnbez_dropdown,
                                             peiljarenOnbez %in% c(2019) ~ paste0(peiljarenOnbez_dropdown, " (BSQ: 2021-2022)"),
                                             peiljarenOnbez %in% c(2014, 2015) ~ paste0(peiljarenOnbez_dropdown, " (BSQ: 2017)"),
                                             TRUE ~ paste0(peiljarenOnbez_dropdown, " (BSQ: ", peiljarenOnbez+2, ")"))


#-------------------------------------------------------------------------------
# UI
#-------------------------------------------------------------------------------
ui <- function(req) { fluidPage(
  titlePanel(HTML(logoTAGeR), windowTitle = HTML('TAGeR;')),
  theme = shinythemes::shinytheme("flatly"),

  # Start layout with one sidebar panel and a main panel

  sidebarLayout(
    sidebarPanel(

      # The sidebar panel contains all input controllers.
      # All other input controllers are conditional. They are displayed only when
      # a particular tabset requiring them is activated.

      # Peiljaar input OW-tool
      conditionalPanel(
        condition = "input.tools_tabs == 'OW-tool'",
        selectInput("peiljaarOnbez",
                    label = "Peiljaar",
                    choices = peiljarenOnbez_dropdown_met_BSQ)
      ),


      # Input for onbezwaarde waarde tool
      conditionalPanel(
        condition = "input.tools_tabs == 'OW-tool'",
        selectInput("databasenaamowt",
                    label = "Databaseversie",
                    list.files(folderOWDB, pattern='owt'),
                    selected = head(sort(list.files(folderOWDB, pattern = "owt"), decreasing = T), 1)),
        selectInput("gebruikscode",
                    label = "Gebruikscode",
                    choices = c("STWO", "EGWO")),
        selectizeInput("straatOW",
                       label = "Straat",
                       choices = NULL),
        selectInput("buurtcode",
                  label = "Buurtcode",
                  choices = character(0)),
        radioButtons("specialWoning",
                     "Bijzondere type woning?",
                     choices = c("Nee: regulier", "Studentenwoning", "Bejaardenwoning", "Containerwoning")),
        HTML("<b>Deelobjecten</b>"),
        checkboxInput("checkbox_do1", "Deelobject 1 bijvoegen", FALSE),
```

```
      conditionalPanel(
        condition = "input.checkbox_do1",
        numericInput("go_do1", "Oppervlakte/Aantal", 0, min = 0, max = 1000),
        selectInput("deelobject_1",
                    label = "Soort",
                    choices = namesDeelcodes$omschrijving)
      ),
      checkboxInput("checkbox_do2", "Deelobject 2 bijvoegen", FALSE),
      conditionalPanel(
        condition = "input.checkbox_do2",
        numericInput("go_do2", "Oppervlakte/Aantal", 0, min = 0, max = 1000),
        selectInput("deelobject_2",
                    label = "Soort",
                    choices = namesDeelcodes$omschrijving)
      ),
      checkboxInput("checkbox_do3", "Deelobject 3 bijvoegen", FALSE),
      conditionalPanel(
        condition = "input.checkbox_do3",
        numericInput("go_do3", "Oppervlakte/Aantal", 0, min = 0, max = 1000),
        selectInput("deelobject_3",
                    label = "Soort",
                    choices = namesDeelcodes$omschrijving)
      ),
      checkboxInput("checkbox_do4", "Deelobject 4 bijvoegen", FALSE),
      conditionalPanel(
        condition = "input.checkbox_do4",
        numericInput("go_do4", "Oppervlakte/Aantal", 0, min = 0, max = 1000),
        selectInput("deelobject_4",
                    label = "Soort",
                    choices = namesDeelcodes$omschrijving)
      ),
      checkboxInput("checkbox_do5", "Deelobject 5 bijvoegen", FALSE),
      conditionalPanel(
        condition = "input.checkbox_do5",
        numericInput("go_do5", "Oppervlakte/Aantal", 0, min = 0, max = 1000),
        selectInput("deelobject_5",
                    label = "Soort",
                    choices = namesDeelcodes$omschrijving)
      ),
      checkboxInput("checkbox_do6", "Deelobject 6 bijvoegen", FALSE),
      conditionalPanel(
        condition = "input.checkbox_do6",
        numericInput("go_do6", "Oppervlakte/Aantal", 0, min = 0, max = 1000),
        selectInput("deelobject_6",
                    label = "Soort",
                    choices = namesDeelcodes$omschrijving)
      ),
      checkboxInput("checkbox_do7", "Deelobject 7 bijvoegen", FALSE),
      conditionalPanel(
        condition = "input.checkbox_do7",
        numericInput("go_do7", "Oppervlakte/Aantal", 0, min = 0, max = 1000),
        selectInput("deelobject_7",
                    label = "Soort",
                    choices = namesDeelcodes$omschrijving)
      )
    ), # Close OW-tool controllers

  ), # Close sidebarPanel

  mainPanel(
    tabsetPanel(id = "tools_tabs",
      tabPanel("Home",
               HTML(homeGreeting)),
      tabPanel("OW-tool", align = 'center',
               HTML('<br>'),
               HTML('<br>'),
               DTOutput("owKenmerken") %>% withSpinner(type = 6, color = '#2F4F4F'),
               HTML('<br>'),
               DTOutput("owBuurten") %>% withSpinner(type = 6, color = '#2F4F4F'),
               htmlOutput("warningBSQ") %>% withSpinner(type = 6, color = '#2F4F4F'),
               HTML('<br>'),
```

```
                DTOutput("waardering") %>% withSpinner(type = 6, color = '#2F4F4F')),
      ) # Close tabsetPanel
    ) # Close main panel
  ) # Close Layout
) # Close Page
}



#-------------------------------------------------------------------------------
# Server
#-------------------------------------------------------------------------------

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

  observe({

    if(input$straatOW == "") {
      buurtChoices <- character(0)
    } else {
      if(as.numeric(deliverPeiljaar(input$peiljaarOnbez, "WOZ")) < 2021){
      straatMetBuurten <- stratenEnBuurten %>%
        filter(Straatnaam == input$straatOW & oldNew == "Old")
      } else {
        straatMetBuurten <- stratenEnBuurten %>%
          filter(Straatnaam == input$straatOW & oldNew == "New")
      }

      buurtChoices <- straatMetBuurten$Buurten

    }

    updateSelectInput(session, "buurtcode", choices = buurtChoices)

  })

  updateSelectizeInput(session, 'straatOW', choices = uniqueStreets$Straatnaam, server = TRUE)

  output$nevenadressenWarning <- renderUI({

    warningNevenadressen <- rcWOZObject()[[8]]
    HTML(warningNevenadressen)

  })

  owTable <- reactive({
    validate(
      need(input$straatOW, ""),
      need(input$buurtcode, ""),
      need(input$deelobject_1, ""),
      need(input$go_do1, "")
    )

    deliverOnbezwaardeWaardeObjectData(input$gebruikscode,
                                       input$straatOW,
                                       input$buurtcode,
                                       input$specialWoning,
                                       input$peiljaarOnbez,
                                       if_else(input$checkbox_do1 == FALSE, "", input$deelobject_1), input$go_do1,
                                       if_else(input$checkbox_do2 == FALSE, "", input$deelobject_2), input$go_do2,
                                       if_else(input$checkbox_do3 == FALSE, "", input$deelobject_3), input$go_do3,
                                       if_else(input$checkbox_do4 == FALSE, "", input$deelobject_4), input$go_do4,
                                       if_else(input$checkbox_do5 == FALSE, "", input$deelobject_5), input$go_do5,
                                       if_else(input$checkbox_do6 == FALSE, "", input$deelobject_6), input$go_do6,
                                       if_else(input$checkbox_do7 == FALSE, "", input$deelobject_7), input$go_do7,
                                       pathToDB, pathToBSQDB,
                                       file.path(folderOWDB,input$databasenaamowt))

  })

  output$owKenmerken <- renderDT(owTable()[[1]])
```

```
  output$owBuurten <- renderDT(owTable()[[2]])

  output$waardering <- renderDT(owTable()[[3]])

  output$warningBSQ <- renderUI({

    bsqWarning <- owTable()[[4]]
    HTML(bsqWarning)

  })

  output$wozWarningOW <- renderUI({

    owWarningWOZ <- owTable()[[5]]
    HTML(owWarningWOZ)

  })


 }


#-----------------------------------------------------------------
# Run App
#-----------------------------------------------------------------

shinyApp(ui = ui, server = server)
```