The results below are generated from an R script.

```
# Already inside server

library(shinydashboard)
library(shiny)
output$pageStub <- renderUI(fluidPage(
   # headerPanel("Hello Shiny"),
   # Application title
   titlePanel("How to hold reactivity using Submit button?"),
   skin="red",

   # Sidebar with a slider input for number of bins
         sidebarLayout(
           sidebarPanel(
             fileInput("file", "Upload the file"),
             h5("Max file size to upload is 5 MB"),
             radioButtons("sep", "Seperator", choices=c(Comma=',',
                                                        Period='.',
                                                        Tilde='~',
                                                        minus='-')),
             checkboxInput("header", "Header?"),
             menuItem("Dashboard", tabName="dashboard", icon=icon("dashboard")),
              menuSubItem("Dashboard Finance", tabName="Finance"),
              menuSubItem("Dashboard Sales", tabName="Sales"),
             menuItem("Detailed Analysis", badgeLabel="New",badgeColor = "green"),
             menuItem("Raw Data"),
             textInput("projcode", "Enter the project code"),
             textInput("projName", "Enter the project Name"),
             textInput("tech","Technology you are using?"),
             radioButtons("loc", "What is your location", choices=c("Off-site", "On-site")),
             sliderInput("ndayspent", "No. of days spent", 1,100,value=c(10,20), step=5),
             selectInput("dept", "What is your department", choices=c("Marketing", "Finance", "Sales", '
             selectInput("ngear", "Select the gear number", c("Cylinders"="cyl",
                                                              "Transmission"="am",
                                                              "Gears"="gear")),
             actionButton("do", "Click Me")
             ),

           # Show a plot of the generated distribution
           mainPanel(
             tableOutput("input_file"),
             tabsetPanel(type="tab",
                         # tabPanel("Help",tags$img(src="rstudio.png"),
                         #          tags$video(src="testVideo.mp4", width="500px",
                         #                     height="350px",
                         #                     type="video/mp4",
                         #                     controls="controls"),
                         #          HTML('<iframe width="560" height="315" src="https://www.youtube.com/
                         tabPanel("Data", tableOutput("mtcars"), downloadButton("downloadData", "Download D
                         tabPanel("Summary", verbatimTextOutput("summ")),
                         tabPanel("Plot", plotOutput("plot"), downloadButton("downloadPlot", "Download Plot
             textOutput("project_code"),
             textOutput("project_name"),
```

```
            textOutput("technology_used"),
            textOutput("location"),
            textOutput("no_of_days_spent"),
            textOutput("department"),
            fluidRow(column(width=5,
                     infoBox("Sales", 1, 100000,icon=icon("thumbs-up")),
                     infoBox("Conversion %", paste0('20%'), icon=icon("warning")),
                     infoBox("approvedSales"))),
            fluidRow(valueBox(15*500,"Budget for 15 Days", icon=icon("hourglass-3"), color="yellow"),
                     valueBox(15*200,"Item Requested by Employees", icon=icon("fire"), color="red")),

            dropdownMenu(type="message", messageItem(from="Finance Update", message="We are on Thresho
                         messageItem(from="Sales Update", message="We are on Threshold", icon=icon("bar
                         messageItem(from="Sales Update", message="Sales meeting at 6 PM on Monday", ic
            dropdownMenu(type="notifications",
                         notificationItem(
                           text="2 new tabs added to the dashboard",
                           icon=icon("dashboard"),
                           status="success"
                         ),
                         notificationItem(
                           text="Server is currently running at 95% load",
                           status="warning"
                         )),
            dropdownMenu(type="tasks",
                         taskItem(
                         value=80,
                         color="aqua",
                         "Shiny Dashboard Education"),
                         taskItem(
                           value=55,
                           color="red",
                           "Overall R Education"),
                         taskItem(
                           value=40,
                           color="red",
                           "Data Science Education")
                         ),

            fluidRow(tabBox(width=30,

              tabPanel(title="Main Panel Output",

                       status="primary",
                       tabItems(
                                   tabItem(tabName="dashboard",

                                           fluidRow(box(title="Histogram of Faithful",
                                                        status="primary",
                                                        solidHeader=T,
                                                        plotOutput("distPlot"))),
                                                    box(title="Controls for Dashboard",
                                                        status="warning",
```

```
                                                    solidHeader=T,
                                                    sliderInput("bins",
                                                                "Number of bins:",
                                                                min = 1,
                                                                max = 50,
                                                                value = 30),
                                                    textInput("text_input","Search Opportunities
                                            )),
                                        tabItem(tabName="Finance", h1("Finance Dashboard")),
                                        tabItem(tabName="Sales", h1("Sales Dashboard")))),

                tabPanel(title="Video: Creating",
                         status="primary",
                         HTML('<iframe width="500" height="400" src="https://www.youtube.com/embed/Gyrfsr

                tabPanel(title="Code",
                         status="primary",
                         HTML(""),
                         includeHTML("app.html")))
            ))

        )
)
# Show a plot of the generated distribution
)
```

```
## Error in output$pageStub <- renderUI(fluidPage(titlePanel("How to hold reactivity using
Submit button?"), :  object 'output' not found
```

```
output$distPlot <- renderPlot({
   # generate bins based on input$bins from ui.R
   x    <- faithful[, 2]
   bins <- seq(min(x), max(x), length.out = input$bins + 1)

   # draw the histogram with the specified number of bins
   hist(x, breaks = bins, col = 'darkgray', border = 'white')
})
```

```
## Error in output$distPlot <- renderPlot({:  object 'output' not found
```

```
output$approvedSales<-renderInfoBox({
  infoBox("Approval Sales", "10,000,000", icon=icon("bar-chart-o"))
})
```

```
## Error in output$approvedSales <- renderInfoBox({:  object 'output' not found
```

```
output$itemRequested <-renderValueBox({
  valueBox(300,
           subtitle="Item Requested by Employees",
           icon=icon("fire"),
           color="yellow")
})
```

```
## Error in output$itemRequested <- renderValueBox({:  object 'output' not found
```

```
output$project_code<-{(
  renderText(input$projcode)
)}
```

```
## Error in output$project_code <- {:  object 'output' not found
```

```
output$project_name<-{(
  renderText(input$projName)
)}
```

```
## Error in output$project_name <- {:  object 'output' not found
```

```
output$technology_used<-{(
  renderText(input$tech)
)}
```

```
## Error in output$technology_used <- {:  object 'output' not found
```

```
output$location<-{(
  renderText(input$loc)
)}
```

```
## Error in output$location <- {:  object 'output' not found
```

```
output$no_of_days_spent<-{(
  renderText(input$ndayspent)
)}
```

```
## Error in output$no_of_days_spent <- {:  object 'output' not found
```

```
output$department<-{(
  renderText(input$dept)
)}
```

```
## Error in output$department <- {:  object 'output' not found
```

```
##### Reactive Functions

mtreact<-reactive({
  mtcars[,c("mpg", input$ngear)]
})
output$mtcars<-renderTable({
  mtreact()
  })
```

```
## Error in output$mtcars <- renderTable({:  object 'output' not found
```

```
output$summ<-renderPrint({
  summary(mtreact())
})
```

```
## Error in output$summ <- renderPrint({:  object 'output' not found
```

```
output$plot<-renderPlot({
  with(mtreact(), boxplot(mpg~mtreact()[,2]))
})
```

```
## Error in output$plot <- renderPlot({:  object 'output' not found
```

```
##### Add video and images


#### 23. Download Data and Plot
```

```
output$downloadData<-downloadHandler(
  filename=function(){
    paste("mtcars","csv", sep=".")
  },
  content=function(file){
    write.csv(mtreact(), file)
  }
)
```

```
## Error in output$downloadData <- downloadHandler(filename = function() {:  object 'output'
not found
```

```
output$downloadPlot<-downloadHandler(
  filename=function(){
    paste("mtcars-plot", "png", sep=".")
  },
  content=function(file){
    png(file)
    with(mtreact(), boxplot(mpg~mtreact()[,2]))
    dev.off()

  })
```

```
## Error in output$downloadPlot <- downloadHandler(filename = function() {:  object 'output'
not found
```

```
#### 24. Upload File

output$input_file<-renderTable({
  file_to_read=input$file
  if(is.null(file_to_read)){
    return()
  }
  read.table(file_to_read$datapath, sep=input$sep, header=input$header)
})
```

```
## Error in output$input_file <- renderTable({:  object 'output' not found
```

```
#### 25. Hold reactivity using submit button


#####
# library(knitr)
# stitch("file_name.R")
#
# stitch(script="file_name.R", system.file("misc", "knitr-template.Rhtml", package="knitr"))
```

The R session information (including the OS info, R version and all packages used):

```
sessionInfo()

## R version 3.4.2 (2017-09-28)
## Platform: x86_64-w64-mingw32/x64 (64-bit)
## Running under: Windows 7 x64 (build 7601) Service Pack 1
##
## Matrix products: default
```

```
##
## locale:
## [1] LC_COLLATE=English_United States.1252  LC_CTYPE=English_United States.1252
## [3] LC_MONETARY=English_United States.1252 LC_NUMERIC=C
## [5] LC_TIME=English_United States.1252
##
## attached base packages:
## [1] stats     graphics  grDevices utils     datasets  methods   base
##
## other attached packages:
## [1] knitr_1.20           shinydashboard_0.7.0 shiny_1.2.0
##
## loaded via a namespace (and not attached):
##  [1] Rcpp_1.0.0      rprojroot_1.3-2 digest_0.6.18   crayon_1.3.4    later_0.7.5
##  [6] mime_0.5        R6_2.2.2        backports_1.1.2 xtable_1.8-2    jsonlite_1.6
## [11] magrittr_1.5    evaluate_0.11   highr_0.7       stringi_1.2.4   rlang_0.3.1
## [16] rstudioapi_0.7  promises_1.0.1  rmarkdown_1.10  tools_3.4.2     stringr_1.3.1
## [21] httpuv_1.4.5    yaml_2.2.0      compiler_3.4.2  htmltools_0.3.6

Sys.time()

## [1] "2019-02-26 16:28:06 EST"
```