

```
#####
#####----- Setup Module 1: Define hierarchies -----#####
#####
#####
#'
#' SUMMARY:
#'
#' User selects from a list of checkboxes which kinds of objectives they want to keep track of.
#'
#' MODULE MAP:
#'
#' UI
#'
#' (1) ---- user presented with widgets to select things they want to keep track of
#'       ---- checkboxInputs
#'         ----- Time
#'         ----- Grades
#'         ----- Money
#'       ---- textInput for "other"
#'       ---- actionButton for "add another"
#' (2) ---- user fills in information
#' (3) ---- user presses 'Next'
#'
#'
#' SERVER
#'
#'
#' KEY COMPONENTS:
#'
#' NOTES:
#'
#'

#####
#####----- User interface -----#####
#####
#####

setup_trackersInput <- function(id, label = "focusAreas") {

  ns <- NS(id)

  rows <- tagList()
  rows[[1]] <- br()
  rows[[2]] <- fluidRow(
    column(9, offset = 1,
      h3({"Please indicate below what personal resources you would like to keep track of:"})
    )
  )

  rows[[3]] <- br()

  rows[[4]] <- fluidRow(
    column(8, offset = 1, checkboxGroupInput(ns("standard"), label = "",
      choices = c("Time", "Grades", "Money"),
      selected = c("Time", "Grades"),
      width = '80%')
    )
  )
  rows[[5]] <- br()
  rows[[6]] <- fluidRow(
    column(8, offset = 1, h4("Type any additional categories into this box, separating them with commas (e.g. 'meal points, calorie intake'):"),
      textInput(ns("other"), label = "", width = "98%")
    )
  )
  rows[[7]] <- br()
  rows[[8]] <- fluidRow(
    column(8, offset = 1, h4("When you are done, click 'Next'.")
  )
  rows[9:15] <- lapply(9:15, function(x) {br()})

  Rows <- tagList()
  Rows[[1]] <- fluidRow(
    column(10, offset = 1, h1({"Welcome to Ascendance"}))
  )
  Rows[[2]] <- br()
  Rows[[3]] <- fluidRow(
    column(8, offset = 2, h3({"Ascendance is a personal resource manager, helping you manage your goals with intuitive graphics that don't force you to choose
between
    accountability and flexibility."}),
      h3({"In the next several windows, you will be telling Ascendance how it should organize your personal information.
The first step is to decide what kinds of information to keep track of."})
    )
  )
  Rows[[4]] <- br()
  Rows[[5]] <- column(8, offset = 2, rows)

  Rows

}

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

setup_trackers <- function(input, output, session, proceed) {

  ns <- session$ns

  observeEvent(proceed(), priority = 2, {

    ns("test") %>% print

    req(input$other)

  })

}
```

```
items <- VectorizeString(input$other) %>% append(input$standard, . )

#####

if (is.null(A$rv[["0"]])) {
  A$rv <- list(list(Names = c(), Location = c())) %>% append(A$rv, . )
  names(A$rv)[length(A$rv)] <- "0"
}

NamesIndex <- items %in% A$rv[["0"]][["Names"]]
LocationIndex <- rep(ns(""), length(items)) %in% A$rv[["0"]][["Location"]]
OverallIndex <- !NamesIndex & !LocationIndex

A$rv[["0"]][["Names"]] <- append(A$rv[["0"]][["Names"]], items[OverallIndex])
A$rv[["0"]][["Location"]] <- append(A$rv[["0"]][["Location"]], rep(ns(""), length(items))[OverallIndex])

#####

})

}
```