```
> library(devtools)
Loading required package: usethis
> library(usethis)
> library(devtools)
> install("COVIDreportwriter", dependencies = TRUE)
   checking DESCRIPTION meta-information ...Downloads/ISARIC-COVID-reports-
master/COVIDreportwriter/DESCRIPTION' ...
> library(COVIDreportwriter)
There were 11 warnings (use warnings() to see them)
> warnings()
Warning messages:
1: replacing previous import 'dplyr::all_equal' by 'filesstrings::all_equal' when loading
'COVIDreportwriter'
2: replacing previous import 'dplyr::collapse' by 'glue::collapse' when loading
'COVIDreportwriter'
3: replacing previous import 'dplyr::combine' by 'gridExtra::combine' when loading
'COVIDreportwriter'
4: replacing previous import 'dplyr::intersect' by 'lubridate::intersect' when loading
'COVIDreportwriter'
5: replacing previous import 'dplyr::union' by 'lubridate::union' when loading
'COVIDreportwriter'
6: replacing previous import 'dplyr::setdiff' by 'lubridate::setdiff' when loading
'COVIDreportwriter'
7: replacing previous import 'ggplot2::alpha' by 'psych::alpha' when loading
'COVIDreportwriter'
8: replacing previous import 'boot::logit' by 'psych::logit' when loading
'COVIDreportwriter'
9: replacing previous import 'ggplot2::%+%' by 'psych::%+%' when loading
'COVIDreportwriter'
10: replacing previous import 'magrittr::set_names' by 'purrr::set_names' when loading
'COVIDreportwriter'
11: replacing previous import 'magrittr::extract' by 'tidyr::extract' when loading
'COVIDreportwriter'
> imported.data <- import.and.process.data("data.csv", "data_dict.csv")
Error: 'data_dict.csv' does not exist in current working directory ('/Users/jasonbouziotis/
Downloads/ISARIC-COVID-reports-master').
> imported.data <- import.and.process.data("data.csv", "data_dict.csv")
Parsed with column specification:
cols(
  `Variable / Field Name` = col_character(),
  `Form Name` = col_character(),
  `Section Header` = col_character(),
  `Field Type` = col_character(),
  `Field Label` = col_character(),
  `Choices, Calculations, OR Slider Labels` = col_character(),
  `Field Note` = col_character(),
  `Text Validation Type OR Show Slider Number` = col_character(),
```

```
  `Text Validation Min` = col_double(),
  `Text Validation Max` = col_double(),
  `Identifier?` = col_character(),
  `Branching Logic (Show field only if...)` = col_character(),
  `Required Field?` = col_character(),
  `Custom Alignment` = col_character(),
  `Question Number (surveys only)` = col_logical(),
  `Matrix Group Name` = col_character(),
  `Matrix Ranking?` = col_logical(),
  `Field Annotation` = col_character()
)
Parsed with column specification:
cols(
  .default = col_double(),
  subjid = col_character(),
  redcap_event_name = col_character(),
  redcap_repeat_instrument = col_character(),
  tos_facat = col_logical(),
  nov_fayn = col_logical(),
  tosretropaper_faorres = col_logical(),
  signature = col_logical(),
  email = col_logical(),
  date = col_logical(),
  dsstdat = col_date(format = ""),
  dlvrdtc_rptestcd = col_date(format = ""),
  aplb_lborres = col_logical(),
  aplb_lbmethod = col_logical(),
  apvs_weight = col_logical(),
  apvs_weightu = col_logical(),
  apsc_gestout = col_logical(),
  apsc_brfedind = col_logical(),
  apsc_brfedindy = col_logical(),
  apsc_brdisdat = col_logical(),
  apsc_dvageind = col_logical()
  # ... with 18 more columns
)
See spec(...) for full column specifications.
Parsed with column specification:
cols(
  `Variable / Field Name` = col_character(),
  `Form Name` = col_character(),
  `Section Header` = col_character(),
  `Field Type` = col_character(),
  `Field Label` = col_character(),
  `Choices, Calculations, OR Slider Labels` = col_character(),
  `Field Note` = col_character(),
  `Text Validation Type OR Show Slider Number` = col_character(),
```

```
  `Text Validation Min` = col_double(),
  `Text Validation Max` = col_double(),
  `Identifier?` = col_character(),
  `Branching Logic (Show field only if...)` = col_character(),
  `Required Field?` = col_character(),
  `Custom Alignment` = col_character(),
  `Question Number (surveys only)` = col_logical(),
  `Matrix Group Name` = col_character(),
  `Matrix Ranking?` = col_logical(),
  `Field Annotation` = col_character()
)
```
There were 27 warnings (use warnings() to see them)
> warnings()
Warning messages:
1: The `x` argument of `as_tibble.matrix()` must have column names if `.name_repair` is omitted as of tibble 2.0.0.
Using compatibility `.name_repair`.
This warning is displayed once every 8 hours.
Call `lifecycle::last_warnings()` to see where this warning was generated.
2: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column age_estimateyears not found or mapped. Adding an empty column with this name.
3: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column invasive_prdur not found or mapped. Adding an empty column with this name.
4: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column liver_mhyn not found or mapped. Adding an empty column with this name.
5: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column modliver not found or mapped. Adding an empty column with this name.
6: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column mildliver not found or mapped. Adding an empty column with this name.
7: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column diabetescom_mhyn not found or mapped. Adding an empty column with this name.
8: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column rheumatologic_mhyn not found or mapped. Adding an empty column with this name.
9: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column agedat not found or mapped. Adding an empty column with this name.
10: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column icu_hoendat not found or mapped. Adding an empty column with this name.
11: In rename.and.drop.columns(raw.data, column.table.file, ... :
```

Required column antiviral_cmtrt___1 not found or mapped. Adding an empty column with this name.

12: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column antiviral_cmtrt___2 not found or mapped. Adding an empty column with this name.

13: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column antiviral_cmtrt___3 not found or mapped. Adding an empty column with this name.

14: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column antiviral_cmtrt___4 not found or mapped. Adding an empty column with this name.

15: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column antiviral_cmtrt___5 not found or mapped. Adding an empty column with this name.

16: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column antiviral_cmtrt___6 not found or mapped. Adding an empty column with this name.

17: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column antiviral_cmtype not found or mapped. Adding an empty column with this name.

18: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column coronaother_mborres not found or mapped. Adding an empty column with this name.

19: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column mbtestcd not found or mapped. Adding an empty column with this name.

20: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column redcap_data_access_group not found or mapped. Adding an empty column with this name.

21: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column sex not found or mapped. Adding an empty column with this name.

22: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column oxy_vsorres not found or mapped. Adding an empty column with this name.

23: In rename.and.drop.columns(raw.data, column.table.file, ... :
  Required column ddimer_lborres not found or mapped. Adding an empty column with this name.

24: In careful.date.check(x, y, colname, check.early, message.out.file) :
  Future date '2020-06-04' transformed to NA for column daily_dsstdat, subject ID 321-0143

25: In careful.date.check(x, y, colname, check.early, message.out.file) :
  Future date '2020-06-07' transformed to NA for column daily_lbdat, subject ID 321-0116

26: In careful.date.check(x, y, colname, check.early, message.out.file) :
  Future date '2020-05-29' transformed to NA for column hostdat, subject ID 321-0298

27: In careful.date.check(x, y, colname, check.early, message.out.file) :
  Implausably early date '2000-11-20' transformed to NA for column cestdat, subject ID

321-0330
```
> generate.report(imported.data, "report.pdf", "My site")
Error in generate.report(imported.data, "report.pdf", "My site") :
  object 'patient.data' not found
```