NAME
>   split_filepath

SYNOPSIS
>   split a filepath into parts

USAGE
>   local df = require "lib/dtutils.file"
>
>   local result = df.split_filepath(filepath)
>   filepath - string - path and filename

DESCRIPTION
>   split_filepath splits a filepath into the path, filename, basename and filetype and puts
>   that in a table

RETURN VALUE
>   result - table - a table containing the path, filename, basename, and filetype