

# General Overview

Here is an overview and requirements for this and future LaTeX projects:

## Background

I have a small game company called Rogue Comet (see [www.roguecomet.com](http://www.roguecomet.com)). We create and publish PDFs and books and other tabletop gaming accessories. We want to start using LaTeX for our future layout needs (instead of InDesign). I have learned a bit of LaTeX and have a programming background, but it will be more efficient if I can get someone who is a LaTeX expert to help figure out more complex needs and well as help us with LaTeX styles for our different book publications.

## DND 5e LaTeX Template Based Project

For this 1st project, my goal is to create a professional looking 8.5x11" sized LaTeX template based on the 'DND 5e LaTeX Template' found at <https://github.com/rpgtex/DND-5e-LaTeX-Template>. This seems to be a solid and reasonably well-supported project (see <https://www.bountysource.com/teams/dnd-5e-latex-template/issues> and <https://www.bountysource.com/issues/77866900-problems-with-overleaf-and-dnd-commands>).

Whatever code you write or import from other LaTeX projects needs to be included in one, single LaTeX project.

## Well-Documented Code Changes

Whatever changes and improvements we make to the LaTeX style I want well documented so that I can pull down future versions of the <https://github.com/rpgtex/DND-5e-LaTeX-Template> code base and merge customizations and improvements into any future versions of 'DND 5e LaTeX Template'. When it makes sense, if we could have changes in a separate class file or other include file that would be great. When changes are made to some core piece of code please document the changes.

## Overleaf Compatibility

I use the online LaTeX editor and compiler at Overleaf.com, so please make sure whatever customizations you make can be uploaded and compiled using Overleaf.com.

## File Sharing

I can set up a shared Overleaf.com project if that is easier, or you can create a .ZIP file and send to me.

## Timing

I would like to have this work done by **September 28**.

# Project Requirements

Here are the three specific deliverables for this first project:

## 1. Commands to Place Images at Edge of Pages

For this requirement, I will refer to some pages in 'Wayfinders-Guide-to-Eberron-v2.pdf' (see <http://portal.roguecomet.com/docs/Art/Art-Direction/Wayfinders-Guide-to-Eberron-v2.pdf>).

I need to be able to place images in a LaTeX document that are flush with the (1) top of the page (page 15), (2) bottom of the page (page 7), (3) left side of the page (page 143), (4) right side of the page (page 21). I also need to place images that are flush with the (5) top left corner of a page, (6) top right corner of a page (page 15), (7) bottom left of a page (page 11), and (8) bottom right corner of a page. I cannot figure out a way to easily do this. If you like I can provide sample images for you to use in test placement (or you can use your own).

There is a similar LaTeX project at <https://github.com/Krozark/RPG-LaTeX-Template> which seems to have solve for this. I believe if you import the `\rpgart` commands to place images at top and bottom of page (as seen in `/sample/book.pdf` sample, page 5, from this project), perhaps this could be a starting point.

Usage:

```
\rpgart{t}{img/art-top}  
\rpgart{b}{img/art-bottom}
```

If you use these commands as a basis for solving for my need to place photos that are flush on the edges of a page, note that I have 8 different ways (specified above) that I need to place images.

I believe the developer who created these commands was discussing this topic here, in case that helps: <https://tex.stackexchange.com/questions/438300/insert-wide-image-at-top-and-bottom-page-book>

If there is a completely different way to place images that you prefer, that is fine, so long as the method is reasonably simple and clear to use.

## 2. Cover and Title Page Styling

There is a LaTeX project at from which I want to import code and fonts: <https://github.com/Artefact2/texbrew/>

From the above project, I want to be able to create a cover page like you see on page 1 on <https://artefact2.gitlab.io/texbrew/dnd-5e/skel.pdf>.

I also want to be able to create a cover page like you see on page 2 on <https://artefact2.gitlab.io/texbrew/dnd-5e/skel.pdf>.

The key feature I want is the ability to insert the text as you see styled on page 1 and 2 (the text that reads 'PLACEHOLDER TITLE THAT IS KIND OF LONG'). I want the ability to put a full-page images on these pages (I think I already know how to do this) and have an area where I can insert other text on these two pages.

## 3. Table of Contents Styling

Please see <http://portal.roguecomet.com/docs/Art/Art-Direction/Eberron.pdf>.

This is a PDF I created using 'DND 5e LaTeX Template' which we're using as our base style. Note on page 2 the way the 'DND 5e LaTeX Template' table of contents looks. Instead of this look, I want to have the look you see here on page 4 of this PDF

<https://artefact2.gitlab.io/texbrew/dnd-5e/skel.pdf>. The styles for this PDF comes from the same <https://github.com/Artefact2/texbrew/> project mentioned above.

I also want to be able to place other text and images on this same 'Contents' page so please show an example of some additional text placed on this page.

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# Future Projects

## Future Work Needed (Not Part of This Project)

This is NOT part of this current project, but I wanted you to know that below is a list *future* project needs I have — styles and custom LaTeX work already in queue and more to come. Example of my upcoming needs:

1. Two Color Box Style
2. Side-by-Side Tables
3. Reduce Spacing in table titles
4. Use Alegreya Bold or Other Fonts for Sections headers
5. Create Chapter Picture on Left / Chapter 1st Page on right style
6. Create Rear Index Style
7. Change page size to 6x9"
8. Add ability to toggle bleed mode (6.125x9.25)
9. Update page number styling and page background images
10. Add images as style behind Subsections
11. Latex percentile paragraph style (cf. Dragon Magazine format)]