

# Project Release Plan

## D&D Companion Web App

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### DNDSIP

Michael Hypnarowski: Product Owner

Allan Wong: Developer

Connor (Robert Sanders): Developer

Jensen Li: Developer

Viren Singh: Initial Scrum Master (Developer)

# Project Release Plan

## D&D Companion Web App

- **Problem:** Current D&D web apps are often inefficient, non-intuitive, and hard to use.
- **Goal:** Create a Simple, Intuitive, and Paperless (SIP) web app that lets players create and save character sheets as well as roll dice.
- **Goal:** Help DMs track information and fluidly run both combat and roleplay scenarios with an initiative tracker and note-taking space.
- **Goal:** Learn about web development.

## D&D Companion Web App

### Sprint 1 User Stories (Condensed):

- As developers, we want to learn the basics of HTML, CSS, JavaScript, jQuery, and PHP to be able to save data to the database and make adjustments to basic structure of the website (learn about web development.)
- As a user, I would like to have access to a drop down menu dice roller that I can access from my character sheet or from the DM tools screen (simple, intuitive, and paperless.)

## D&D Companion Web App

### Sprint 2 User Stories:

- As a user, I would like to be able to create an account and login to the webpage so that I can access my saved data (saving sheets)
- As a player, I would like to be able to input my data into a character sheet that mirrors the physical copy so that I can safely and conveniently store information about my goals. (saving/viewing sheets)
- As a user, I would like to be able to see a list of my created character sheets so that I can access the sheets I have already created. (tracking/viewing sheets)
- As a player, I would like to be able to create a new character sheet when I do not already have one. (creating/saving sheets)

## D&D Companion Web App

### Sprint 3 User Stories:

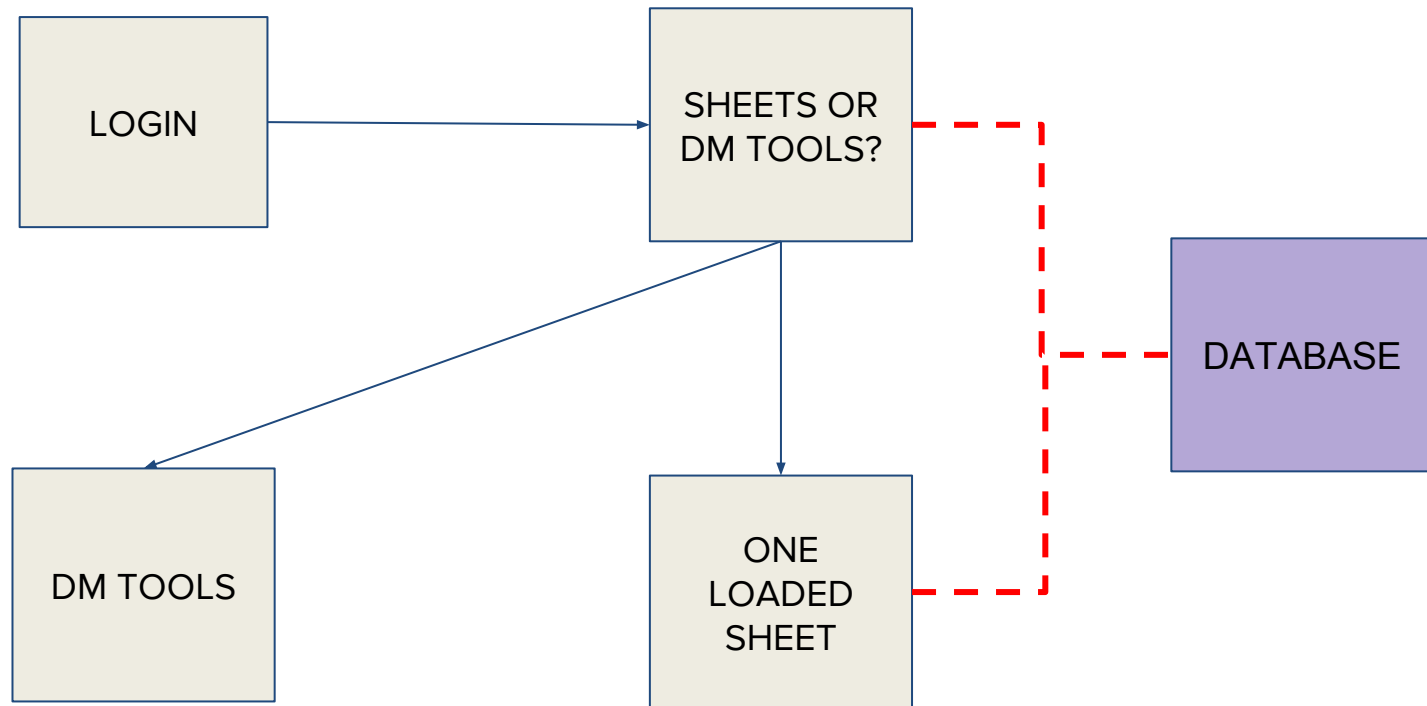
- As a player, I would like my character sheet to automatically calculate any skills or saving throws based on modifiers and proficiencies so that I can avoid having to do any extra calculations. (Simple, Intuitive, Paperless)
- As a player, I would like to have the data contained within my character sheet stored in the database. (Saving/Tracking sheets)
- As a developer, I would like to be have the data for an existing character sheet loaded into character sheet from the database so that players can access their saved sheets. (Saving sheets/data)
- As a developer, I would like to have the data from the character sheet loaded on to the character sheet selection page so that players can view the sheets that they have made with a little bit of information about each sheet. (Tracking sheets)

## D&D Companion Web App

### Sprint 4 User Stories:

- As a DM, I would like to have a space for me to input initiative rolls and then have those rolls sorted, and then I would like to be able to tell which turn I am on so that I can do this easily. (Help DMs track information/run combat and roleplay fluidly)
- As a DM, I would like to have a space to take notes which supports a custom markdown language (the markdown language only needs bullet points, bold, and italics) so that I can keep track of information about my players. (Help DMs track information)

## D&D Companion Web App



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**Challenge/Risk 1** Setting up database interaction for an entire website

**Challenge/Risk 2** Single large page makes testing temperamental

**Challenge/Risk 3** Several new and unfamiliar technologies



## D&D Companion Web App

Languages: CSS/HTML, JavaScript, jQuery, PHP, MySQL

Web Framework: LEMP Stack (Linux, Nginx, MySQL, PHP)

Hosting Service and Domain Service:  
DigitalOcean, Freenom(.ga)