

D&D Forge

11/27/15

Team LFG

Team members

Andrew Miller

Alex Vincent

Kevin Mai

John (Andy) Baden

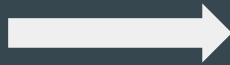
Seth Crawford



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D&D Forge

A tabletop RPG character builder that lets users quickly and easily create characters on a mobile device.



Target Software & Hardware

Hardware: Nexus 4 (2012+)

Software: Android 5.0 Lollipop

IDE - Android Studio



Languages: Java, XML



Why D&D Forge?

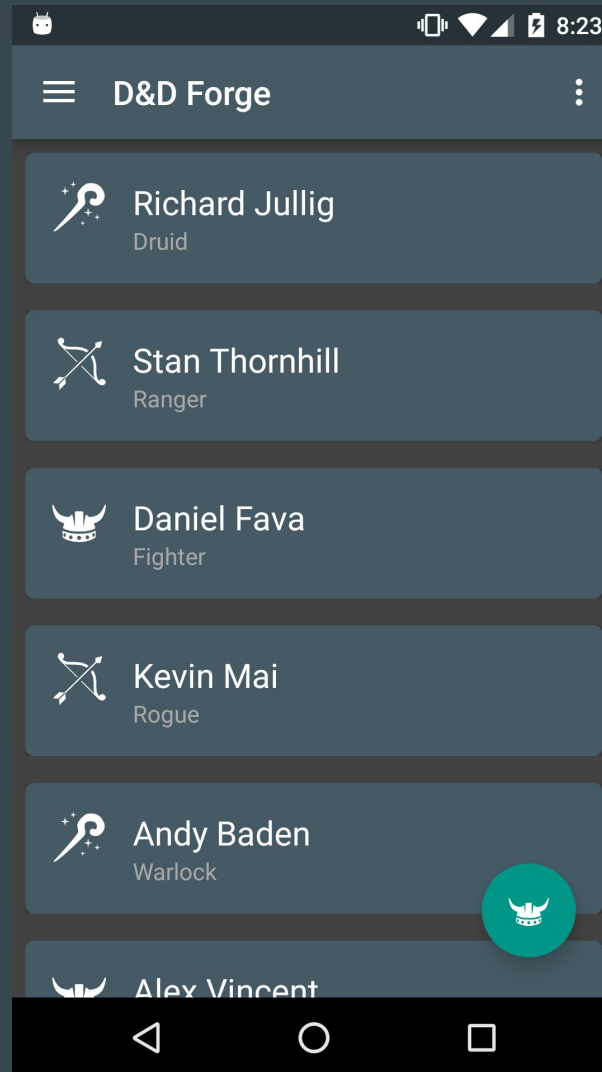


Original Goals

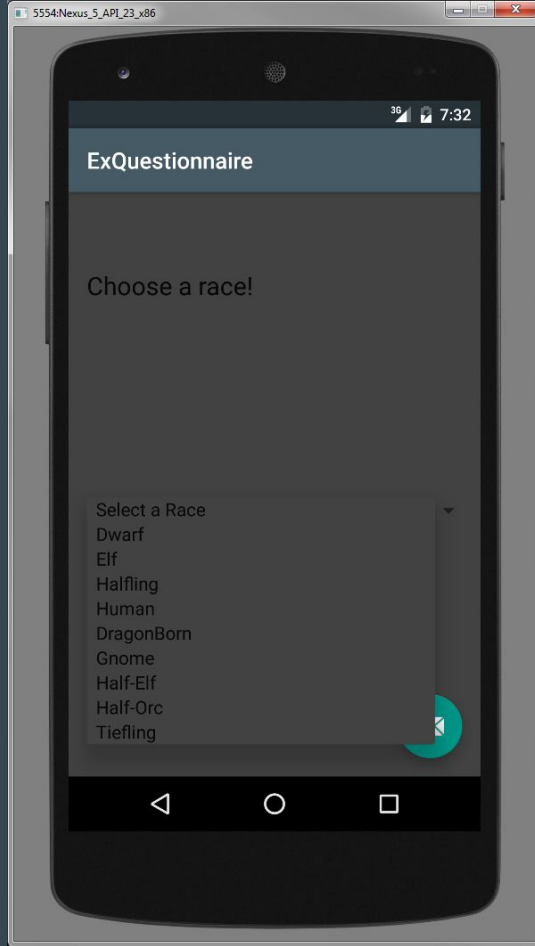
- Quick Character Creation
 - New and Experienced Players
 - Printable PDF
- Create a Character Management Tool
 - Track items/abilities and levels
 - Dice Roller
- Ease the Learning Curve for New Players
 - Explanation of the rules.



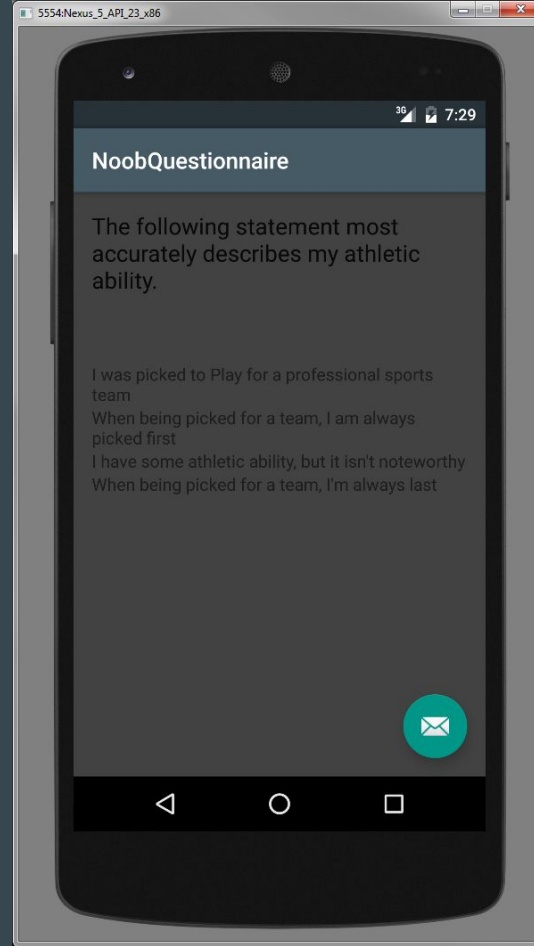
Walkthrough



Walkthrough



Experienced



Noob



Results



Walkthrough

Strength **18** Proficiency Bonus **+6** Str. Save **22** **+6** **42** Initiative

Constitution **+2** Con. **14** **+2** **24** Armor Class

Dexterity **+14** Dex. **39** **+3** **46** Speed

Intelligence **+15** Int. **40** **+3** **22** Passive

Wisdom **+10** Wis. **22** Temporary HP

Hit Dice **- 33D35 +**

Hit Points **- 37 /37 +**

Statistics

Name Richard Jullig

Class Level

Druid 1

Alignment Deity

UCSC Jack Baskin

Background

Professor for CMPS 115.
Some of his slides are in German.

Background

Skills

Strength **+6** Athletics

Dexterity **+32** Acrobatics

Dexterity **+14** Sleight of Hand

Dexterity **+32** Stealth

Intelligence **+15** Arcana

Intelligence **+33** History

Intelligence **+15** Investigation

Intelligence **+33** Nature

Intelligence **+15** Religion

Wisdom

Skills



Walkthrough

Gold 2 Silver 56 Copper 89

Items

Bag REMOVE

It's a nice little bag for carrying currency

Rock REMOVE

It rocks!

Item ADD ITEM

Description

Inventory

Proficiencies

A bunch of proficiencies

Armor

Armor Name Enter Modifier

Melee Weapons ADD

Weapon	Attack Bonus	Damage
Tester M	40	8

REMOVE

Ranged Weapons ADD

Weapon	Attack Bonus	Damage
Tester R	40	12

Ammo Range REMOVE

5	100
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Weapons



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Backlog

- Leveling Up
- Multi-Classing
- Printable PDF
- Some functionality for Magic Users
- Automatic Ability Checks
- Some inexperienced questionnaire functionality



The Process

Engineering Practices

- Scrum & Project Jams

Tools

- Slack
- Google Drive, Hangouts, Docs
- Github



Interviews

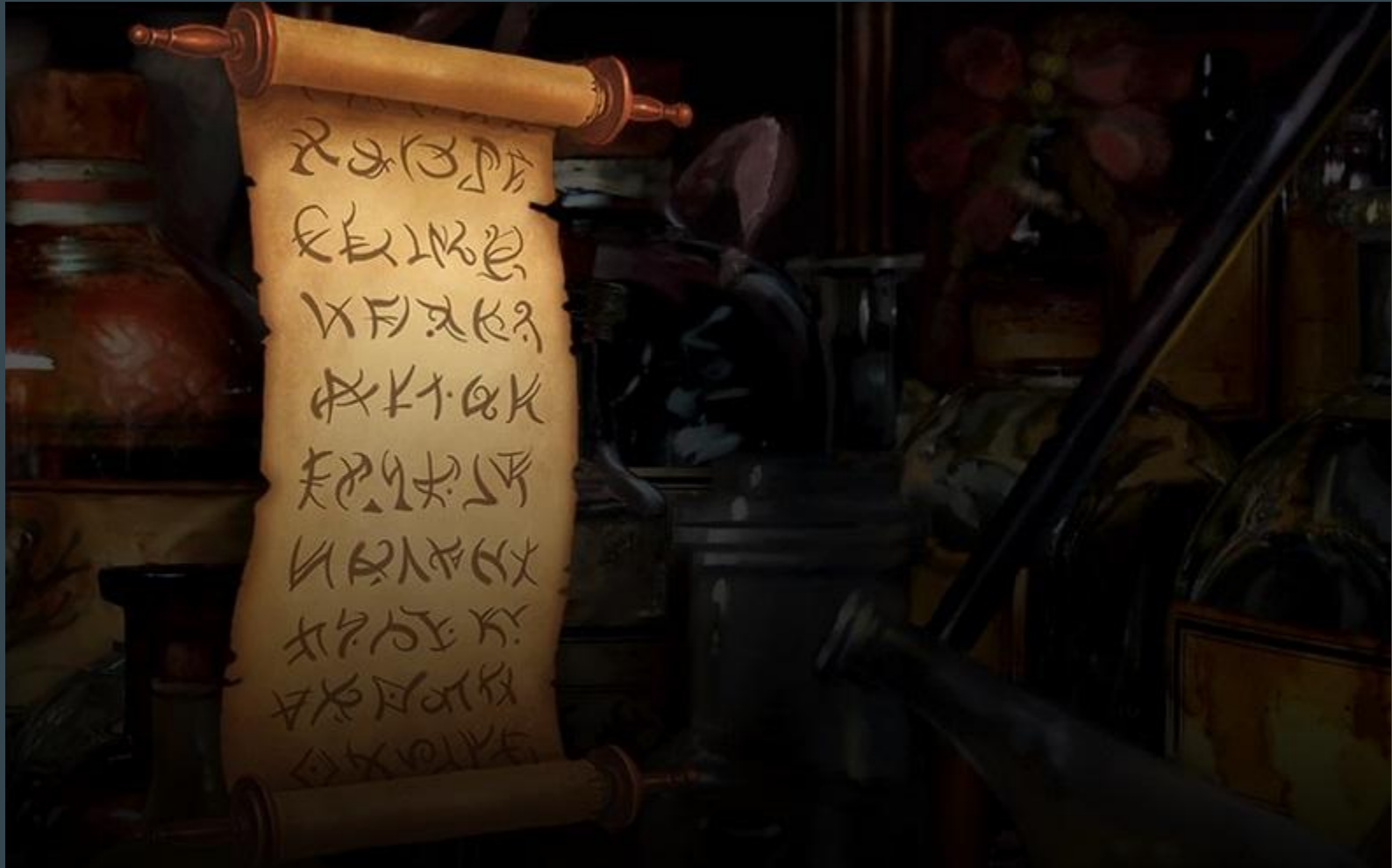


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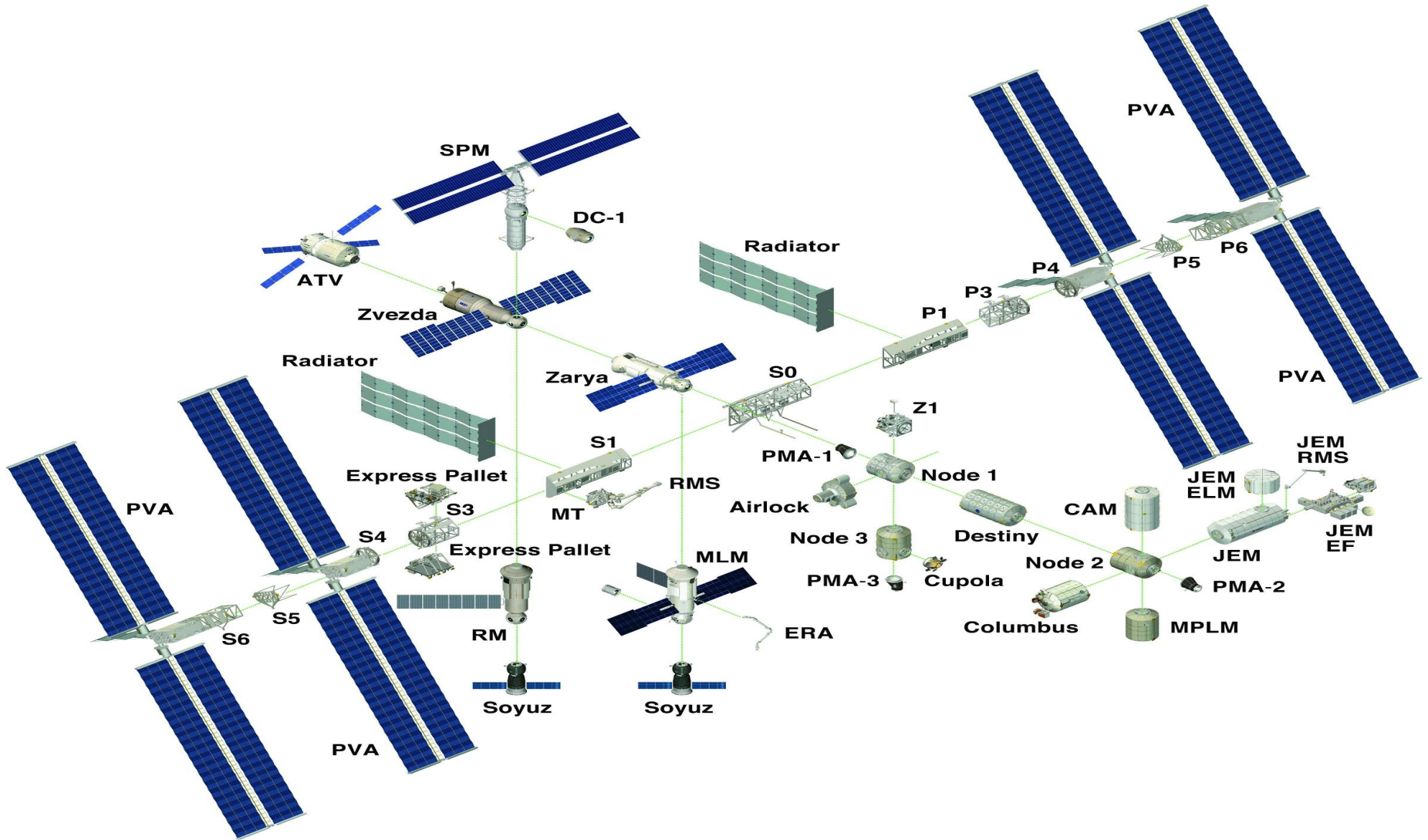
Biggest Challenges



Biggest Challenges



Biggest Challenges



Biggest Challenges



Biggest Challenges



Biggest Challenges



Lessons Learned

What Worked?

- Project Jams!!!
- Modular Programming

What Didn't Work

- Modular Programming (Communication)
- Scope



Questions?

Thank you

(This font is called IM Fell English)



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