

FIU

FLORIDA INTERNATIONAL UNIVERSITY  
Miami's public research university

# Expandable Spine Cage

## Motivation

- Assist in medical advancements
- Offer cost efficient alternative to traditional spinal corpectomy

## Objective

- Design and fabricate expandable cage

## Responsibilities

Justin Crisp

- Manufacturing Manager

Christopher Dominguez

- Design Manager

Peter Medrano

- Project Manager

Advisor: Benajmin Boesl

## Processes

### Design

- Design Spinal cage
- Design surgical tools

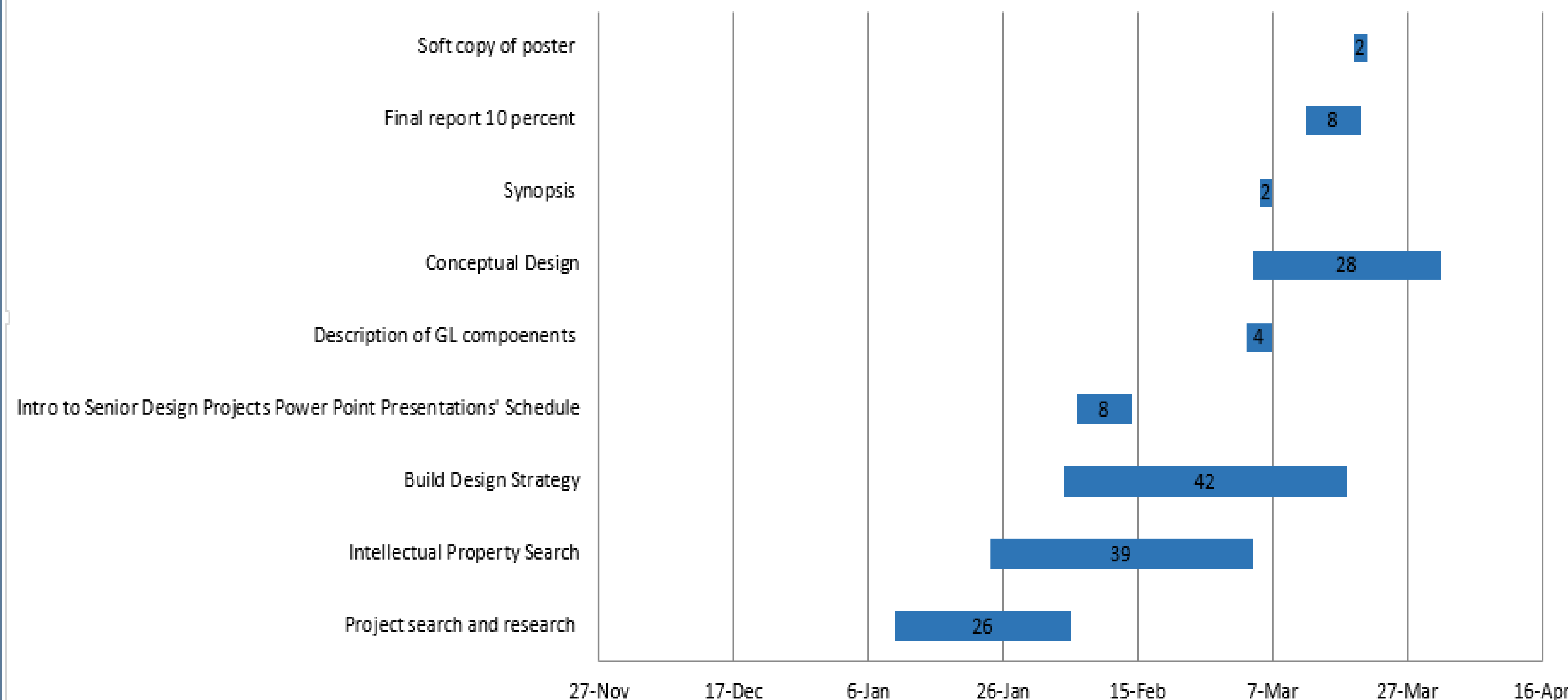
### Testing

- Simulations

### Manufacturing

- Rapid Prototype

## Timeline



Justin Crisp Chris Dominguez Peter Medrano