

## Sprint {6} - Plan

## Team M - Deep Media

<b>Objective:</b>	<b>Your inspirational, qualitative, time-bound, and actionable objective goes here.</b>
<b>KR1</b>	Look into using meta-data and best transfer-learning practices to maximize classifier accuracy
<b>KR2</b>	Create models for all diseases and get more extensive performance metrics for Mask R-CNN.
<b>KR3</b>	Reevaluate our model using multi-label classification

A legible screenshot of your GitLab issue board showing the issues assigned to **this** sprint.

Nicholas Passantino > Deep Media > Milestones > Sprint 6

Open Milestone Mar 29, 2021–Apr 16, 2021 Edit Close milestone Delete

### Sprint 6

Issues 5 Merge Requests 0 Participants 4 Labels 0

Unstarted Issues (open and unassigned) 1

Create and evaluate multi-label classifier in comparison to previous binary classifiers #39

Ongoing Issues (open and assigned) 4

Create models for all diseases and get more extensive performance metrics for Mask R-CNN #40

Use activation maps / classifier model to achieve bounding boxes when possible #38

Research metadata usage to improve classifier accuracy #37

Research further ways to improve classifiers after establishing base accuracy #33

Completed Issues (closed) 0

0% complete

Start date Mar 29, 2021

Due date Apr 16, 2021 (18 days remaining)

Issues 5 New issue

Open: 5 Closed: 0

Time tracking No estimate or time spent

Merge requests 0 Open: 0 Closed: 0 Merged: 0

Releases None

Reference: npp002/deep-media...

A brief summary of the issues lead by/assigned to each team member.

Andrew	Work on expanding Mask R-CNN to all diseases and work towards increasing IoU over all diseases.
Mitch	Research meta-data usage to improve classifier accuracy
Nick	Developing multi-label classifier to improve classification and bounding box accuracy.

Josh	Documentation, cleanup, user manual setup
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