**Product backlog convolutional neural network**

1. Acquire the augmented scans and perform splitting into grids. This type of data is suited for the Neural Network API and can more easily work on it.
2. Acquire a trained neural network and perform tests.
3. The product will use the two datasets: one from the ADNI and the other from the SNUBH. We will also use the datasets provided by the Kaggle contest.
4. Train our own neural network using AlexNet or VGG-16 architectures.
5. Generate binary classification.

**Increment 1**

The group will have to implement an algorithm to split a 3D model into 2D grids. Additional online tools may be used. These images will be uploaded into a database.

**Definition of done**

The program should be able to receive any 3D model and return and upload the images to the database.