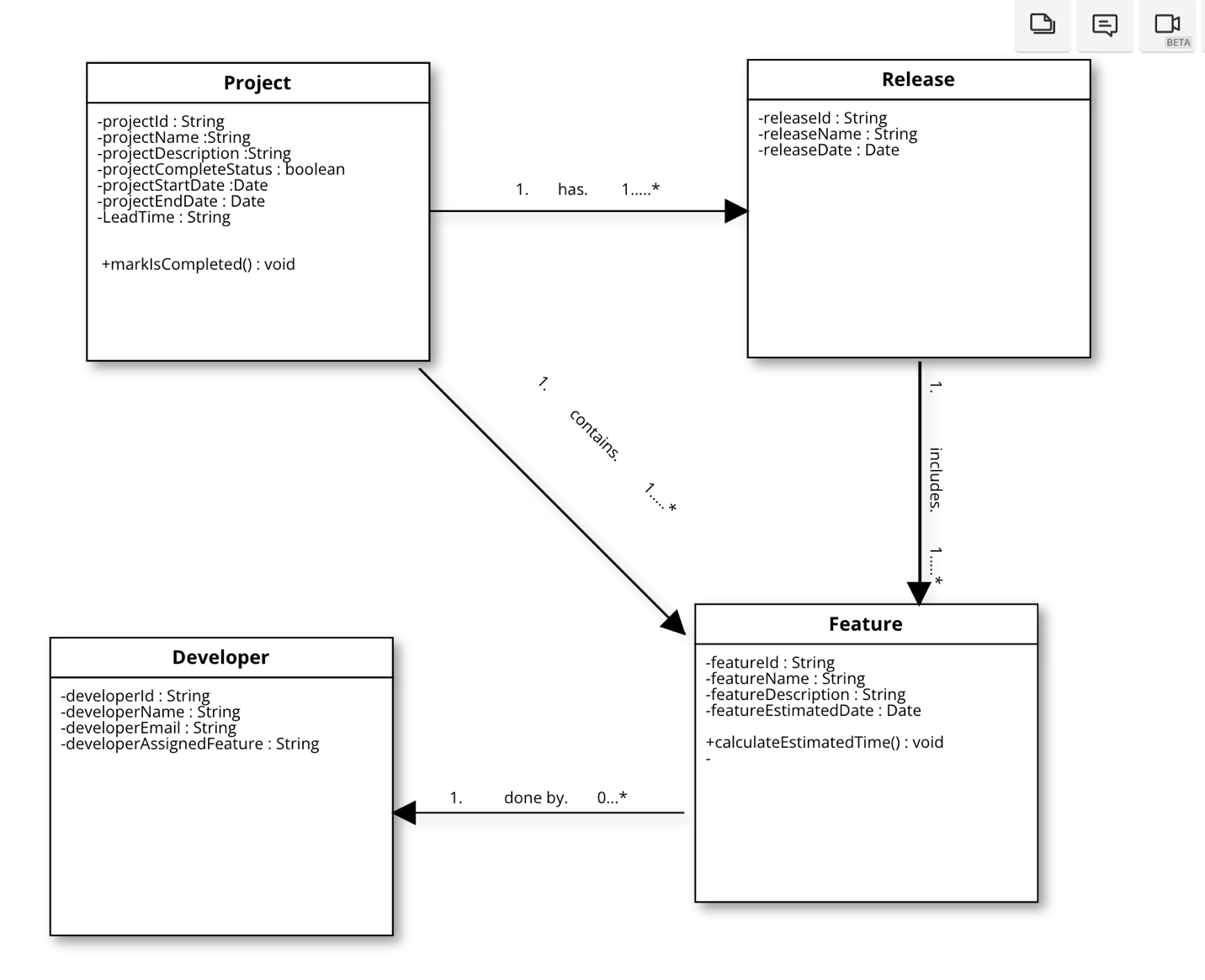
Problem 1 :



Problem 2A:

Problem 2B :

Problem 3A :

Problem 3B :