Khan Academy Report

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1. General concept

Khan academy is a non-profit e-academy website where teachers, parents and learners to come together to one platform to tutor learners. Khan academy provides a vast array of courses from pre K to college level content through video lectures and practice problems.

* 1. Different types of users

Khan academy has 3 main users for their platform. Learners are the user that will enroll in courses and hopefully learn stuff. Teachers can be teachers from an actual school and can create a class through khan academy and monitor their students progress in the khan academy courses. Teachers can be parents, the third user, who can create accounts for their children and monitor their progress as well as create course to teach/tutor and enroll in khan academy courses themselves.

2 Users

This section will describe the different actions users can do

2.1 Teachers

Teachers can create a class where they choose from pre made courses made by khan academy and add students and then tutor those students.

2.1.1 teacher settings

Can create class code to allow other students to join classroom.

Graphical user interface, application, email

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2.1.2 Student roster

Can see all students + email. Action allowed on students includes adding to course, removing from course and stop coaching.

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2.1.3 Assignment management

Can select portion of course (ie video lectures, worksheets and quizzes) to students and set a due date. Teacher can then see student’s scores on the material assigned to them. Teacher also has a dashboard to see how far students are in their assignments. Teachers can also create mastery goals where students have to achieve a certain percentage of the course.

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Graphical user interface, application

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Graphical user interface, application, Teams

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2.2 Parents

2.2.1 parent dashboard

In this dashboard parents can add children that they can supervise over

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2.2.2 Child settings

The parent can edit details about the child (name, birthdate, video playback features and be able to delete the child (as in remove the account from the platform duh) ) Can also change password.

Graphical user interface, text, application, Teams

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Graphical user interface, text, application

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2.2.3 Child profile

Parent can view their child’s profile and see their progress in courses, their badges earned and see their statistics.

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Graphical user interface, text, application

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3.3 Learners

Learners can view the same content such as their profile and progress that can be seen by their parents and the images for which have been shown in section 2.2.3 just above. The learner can enroll in courses both through a class taught by a teacher and on their own to follow courses given by khan academy where there is no teacher managing the course. Furthermore as shown in section 2.1.3 where the teacher assigned work, this can be seen from the student side where there are assignments due for the next day created by mr. potatohead’s class.

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Graphical user interface

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3 Courses

3.1 Course selection

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3.2 Specific course

In a specific there are multiple video lectures per section. For every video watched and assignment done, students get mastery points which is supposed to represent how much they’ve mastered a topic. If a student completes an assignment correctly and the quizzes that go with the course then it can be said that the student has mastered the course. The course also provides unit tests for each unit and then a test for the whole course.

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