Project name

Name of team members

Short project description (two paragraphs)

Many Dartmouth organizations make frequent use of DASH information for handling financial transactions among and between students and college-associated groups. As it stands now, the collection of students’ DASH information is an inconvenient and tedious process, requiring a record of each student’s name, email, and DASH number, as well as each students signature and the amount they have agreed to transfer from their DASH account.

DartDASH provides users with a quick and efficient way of entering and organizing Dartmouth students’ DASH information. DartDASH eliminates the need to copy down identifying information by hand by enabling the user to simply take pictures of Dartmouth IDs. Through the use of Google’s Cloud Vision OCR, DartDASH extracts and records each student’s name, email, and DASH number from a picture of their ID and stores the information internally in SQLite database storage. Following the extraction of the student’s information, the app offers them the chance to specify the amount of money they have agree to pay and a place to sign and confirm the transaction.

As transactions are approved upon signature entry, they are added to a ListView for the user to observe and scroll through. Users can create new lists of transactions for each event they collect information at, and can export these lists to excel form for submission to COSO for processing.

PICTURES

<https://www.dartmouth.edu/~library/bakerberry/general/AboutBaker-BerryLibrary.html>

FEATURES

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