

## IITG Project Outcomes Form - Report Outcomes

### Name of person reporting outcomes

Richard Plotkin

### Email

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### IITG Project Title

2016-UB-Plotkin-Digital Music Notation with Auto-Grading and Immediate Feedback

### Have you applied for, or received additional funds? (choose all that apply):

- Have received campus funds to support this project

### Access Keywords: Enrollment, Diversity, Capacity, Affordability

Notate allows students and potential students to do music fundamentals exercises that are either instructor-assessed or self-assessed. The opportunity self-assessment provides is substantial: students can remediate necessary knowledge in music scholarship, work alone to prepare themselves for early entry into advanced courses, or supplement their current learning opportunities with extra knowledge.

### Completion Keywords: Completion, Persistence, Transfer, Retention

Student achievement outcomes are still pending, but completion is the primary goal of this project. We see students of widely varying skill levels in fundamentals courses, and we want to have achievement-based assignments that guarantee all our students finish our courses with full knowledge of the material. This knowledge prepares them to master future musical endeavors, whether that's a degree in music, education, engineering, communications, or production.

### Engagement Keywords: START-UP New York, Commercialization, Workforce Development, Alumni/Philanthropic Support, Community Service.

Notate has a goal of increasing civic engagement by offering itself as a free tool to educators not just within the SUNY system, but also at other schools, including high schools, in New York and around the country. This leads to better-prepared students entering college, and better-educated students in high school settings.

### 1st Choice:

Assessment, Understanding, Monitoring Student Progress

### Assessment, Understanding, Monitoring Student Progress

- Adaptive Learning Technologies
- Competency Based Education (CBE)
- Learning Analytics
- Outcomes Assessment

### 2nd Choice:

Connected Learning Models

### Connected Learning Models

- Active Learning
- Collaborative Learning Technologies
- Virtual Learning Communities

### 3rd Choice:

Instructional Technologies

## Instructional Technologies

- Cloud-Based Teaching & Learning Environments
- Mobile Learning
- Open Educational Resources (OER)
- Open Source Programs and Apps

### What recommendations would you make to scale-up or share your project more broadly (within an educational sector, or perhaps SUNY-wide)?

I think there are two clear next steps: creating a library of exercises and examples, and providing these exercises to all music departments across the SUNY system.

### If you would like to create a community of practice within the SUNY Learning Commons, please describe "members of your community" who would be most interested in your outcomes. Please be specific (e.g., math faculty, instructional designers, student services, registrars, administrators, accreditation or assessment specialists).

Music faculty

### Do you intend to create an ongoing "Community of Practice" within the SUNY Learning Commons to continue work and dialog regarding this project?

Yes

### Overall, how successful was IITG in meeting your project goals? (You may elaborate on your response in the final question if not addressed elsewhere.)

Very successful

We exceeded our project goals, but still have some bugs to work out.

### Do you wish your current abstract to be used?

Yes

### File One Upload and Brief Description

<http://www.notate-project.com>

### Project Website Address (Hyperlink 1)

<https://github.com/rplotkin/notate-client>

### Project Website Address (Hyperlink 2)

<https://github.com/rplotkin/notate-server>

### Any additional comments or resources you wish to share?

This project has successfully provided the necessary foundation for continued work. We met all of our design goals and all elements of the project plan. We expanded our goals with the technology stack, and in addition to the planned software we also build an information storage system to increase opportunities for usability and deployment (this is the notate-server github repository). A hosted version of the project is available at <http://www.notate-project.com>. There are some bugs – as there is in any alpha software – and our goal is to remove these bugs and create usability examples in our continued efforts with this project.

### Consistent with the RFP, you must indicate which Creative Commons license you intend to use.

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