Project Plan

Project information	
Project	Flashcard
Project Time-frame	15 weeks
Summary	Provide a powerful and easy-to-use tool to create and share free online flashcards for your classroom in just minutes.
Process impact: This plan will be used to evaluate and manage the project. Key assumptions that affect the plan should be documented here. The project plan should be updated throughout the life-time of the project.	

1-Summary of Project

Provide a powerful and easy-to-use tool to create and share free online flashcards for your classroom in just minutes.

2-Summary of Methodology

What general development approach will be used?
Provide a powerful and easy-to-use tool to create and share free online flashcards for your classroom in just minutes.
How will the project team be organized?

The development team will consist of 5 members

What development and collaboration tools will be use?

We plan to use the following tools extensively throughout the project:

• PyCharm & Aptana IDE
• Notepad++

• Github version control system

• Heroku hosting server

• Github issue

How will changes be controlled?

• After the feature complete milestone, new feature might be considered

• After the code complete milestone, new product source might be added

• All source code commit log messages must refer to a specific issue ID, after the feature complete milestone

How will this plan be updated?

This project plan will be updated as needed throughout the project. It will be placed under version control and every member can get this. Any change to the plan will cause an automatic notification to be sent to a project mailing list.

3-Deliverables in this release

Code name	Description	Date
Beta 1	A runnable application with at least 3 important use cases (functions)	Week 6
Beta 2	All main use cases are completed	Week 10
RC 1	Deploy on host, open beta	Week 14
Final		Week 15

4-Risk Management

What are the main risks of this project?

1.   There is a potential conflict between the goals of a powerful tool and a easy-to-use tool. We can only success if user can have enough tool to create the flashcard as they want while they still can access these function easily.We already have a design in mind that will address this risk and we will review it with a web site designer who worked for other educational site.

2.   There are significant technical difficulties in building a web site and web application. This will be a risk because only one person on our team has much experience with the relevant tools and technologies. Although the others will learn, we will certainly make some mistakes and suboptimal choices. We will address this risk by scoping the project such that we have enough time to train and to review the design and implementation.

3.   The schedule for this project is very short. We will manage this by planning a conservatively scoped functional core and series of functional enhancements that can be individually slipped to later releases if needed.

4.   The performance of the system will be significantly impacted by the decisions made during the database design task. None of our current team

members has experience with database optimization. To address this, we will arrange a review meeting with an experienced consultant.

5.	We could be underestimating known tasks. HOW TO AVOID/MITIGATE?

6.	We could be underestimating the impact of unknown tasks. HOW TO AVOID/MITIGATE?

7.	We could have misunderstood the customer's requirements. HOW TO AVOID/MITIGATE?

8.	The customer could change the requirements. HOW TO AVOID/MITIGATE?

9.	We could face major difficulties with the technology chosen for this project. HOW TO AVOID/MITIGATE?

10.	We could have low quality that demands significant rework. HOW TO AVOID/MITIGATE?

11.	We could incorrectly assess our progress until it is too late to react. HOW TO AVOID/MITIGATE?

12.	We could lose resources. E.g., team members could get sick, spend time on other projects, or quit. HOW TO AVOID/MITIGATE?

5-Project Planning Dependencies

Does this project conflict or compete for resources with any other project?
No, this is the only project that we are working on.

Are the same human or machine resources allocated to maintenance of past versions and/or planning of future versions during this release time period?
No, this is the first release and we will not plan the next release.

Does this project depend on the success of any other project?
No, this project stands alone.

Are there any other important dependencies that will affect this project?
No, everything is covered above.