

1. Project Information		2. Business Case
Project Name:	MS-CS Course Automation and Monitoring	<p>The rationale behind this project is to support the rapid growth of the MS-CS program on Coursera by automating the detection of content issues and improving course management efficiency. By reducing manual oversight, the tool will help the facilitation team ensure courses remain accurate, up-to-date, and ready for students at scale.</p>
Project Description:	The project aims to develop an automation tool that can extract and validate course content from Coursera, identifying potential content issues and automatically generating tasks to address those issues, ensuring the program's smooth scaling and management.	

3. Project Deliverables	4. Project Benefits
List the key deliverables of the project, including the products, services, or results to be produced	Describe the expected benefits of the project, such as cost savings, increased efficiency, or improved customer satisfaction
Grade Validation Script	Saving time, Increasing efficiency, and decreasing the need for oversight.
Course Management Verification Script	Ensuring up-to-date course information is displayed to students, saving time, and increasing efficiency.

5. Project Risks
Identify potential risks or obstacles that may impact the project, as well as any mitigation strategies
<p>Risk 1 - Lack of Coursera API Utility (i.e. lack of adequate utility for our data collection), we may need to scrape the data from the website directly with selenium.</p> <p>Risk 2 - Lack of team communication. Lack of communication could cause friction between different project aspects and slow down software deliveries.</p> <p>Risk 3 - Issues with test user data/sensitive student information that could be exposed.</p>

6. Project Budget		7. Project Milestones	
Provide an estimated budget for the project, including breakdowns for specific tasks or resources		List the major milestones of the project, as well as their target dates	
Total Budget: We don't have a full understanding of servers that may be required to run scripting		Review the Coursera API (when we get access) & Determine our initial environment and tools	10.3.24
Breakdown:		Finish setting up the repository & environment	10.6.24
Task/Resource 1	N/A	We are taking an agile approach and will determine further milestones once we have determined what we are working with	xx.xx.xx
Task/Resource 2	N/A		
Task/Resource 3	N/A		

8. Project Team Members		List the team members responsible for the project, including their roles and contact details	
Role	Name	Email	Phone
Attendance and Timesheet manager	Alex Archer	alar2300@colorado.edu	720-485-0985
Developer	Aniket Chauhan	anch5121@colorado.edu	4695567528
Scrum master	Jesse Black	jeb18843@colorado.edu	7208394244 save for emergencies please
Developer	Nasir Naqvi	nana3231@colorado.edu	650 823 3295
Developer	Clement Canel	clca3470@colorado.edu	
Product Owner	Dustin Hooks		

Potential Additional roles to be added later: DevOps engineer, QA Engineer

9. Project Stakeholders

Identify the main stakeholders involved in the project, including their roles, expectations, and specific requirements

Role	Expectations
Technical Stakeholder	Dustin Hooks
Administrative Stakeholder	Kevin Gifford

10. Project Approval

Include a project approval section, with space for signatures from the project sponsor or other key stakeholders

Project Sponsor: Dustin Hooks

Date _____

Additional Approvals (if needed): Aditya and Vignesh (not sure if name is correct)

Date _____