

International Institute of Professional Studies
I.I.P.S.- D.A.V.V
Internal Test-1
U.G/P.G.. Project Assessment Questionnaire

Answer the following questions to the best of your ability.
Your responses will help us assess the feasibility and potential of your UG Project proposal.

Contact Information

- a. Full Name: _____
- b. Branch: _____
- c. Section: _____
- d. Phone Number: _____
- e. Email: _____

Describe the opportunity, idea, problem, or concept:

- a. What is your proposed Ug Project about?
- b. What is the problem it addresses?
- c. How is it unique from existing solutions?
- d. What are the potential benefits of your solution?

Target Customers

- a. Who are your primary target customers?
- b. What is their demographic?
- c. What is their pain point that your solution addresses?

Existing Solutions

- a. How many hours have you spent looking for a product like yours?
- b. What products like yours are already on the market?
- c. How is your product better than what is already available?
- d. What data do you have that proves your product/solution is better than what's available today?

Next Steps

- a. What is the main thing you want to do next with your idea?
- b. What are the biggest concerns or fears you have about your idea/product?
- c. Have you kept a log-book or journal of your work on this idea?

Intellectual Property

- a. Has your idea/invention been disclosed in a public venue?
- b. Have you pursued a patent?

Investment of Time and Money

- a. Approximately how much money do you have invested?
- b. Approximately how many hours have you invested?
- c. What is the development stage of your idea?
 - 1. Concept
 - 2. CAD files/drawings or otherwise formally documented
 - 3. Optimized for manufacture/packaging and shipping
 - 4. Sketched out/written out
 - 5. A physical working model/prototype
 - 6. Already selling and shipping

Establishing a Business

- a. Do you have a written Business Model Canvas or Growth Wheel Plan?
- b. Do you have a business plan?
- c. Do you need help with a business plan?
- d. Do you know any of the following figures?
 - 1. Cost to manufacture/Production:
 - 2. Cost to package:
 - 3. Cost to ship:
 - 4. Sell for:

Thank you for taking the time to fill out this questionnaire. Your responses will help us assess the potential of your Ug Project proposal.

Sample Response Sheet

Sample Google Form: <U.G. Project Assessment: Designed by Dr. Shaligram Prajaapat>

Contact Information

- Full Name:
- Branch:
- Section:
- Phone number:
- Email:

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Target Customers

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Existing Solutions

1. How many hours have you spent looking for a product like yours?
2. What products like yours are already on the market?
3. How is your product better than what is already available?
4. What data do you have that proves your product/solution is better than what's available today?

Next Steps/Future Step

1. What is the main thing you want to do next with your idea?
2. What are the biggest concerns or fears you have about your idea/product?
3. Have you kept a logbook or journal of your work on this idea?

Intellectual Property

1. Has your idea/invention been disclosed in a public venue?
2. Have you pursued a patent?

Investment of Time and Money

1. Approximately how much money do you have invested?
2. Approximately how many hours have you invested?
3. What is the development stage of your idea?

Establishing a Business

1. Do you have a written Business Model Canvas or Growth Wheel Plan?

2. Do you have a business plan?
3. Do you need help with a business plan?
4. Do you know any of the following figures?

Tentative Response:

Contact Information

Full Name:_____

Branch: Computer Applications / IT

Section: IC/IT

Phone number: 123-456-7890

Email:mca.mtech@iipsl.edu.in

Describe the opportunity, idea, problem, or concept:

I am proposing a software tool that automates the process of data analysis for small and medium-sized businesses. This tool will address the problem of time-consuming and error-prone manual data analysis, which is a major pain point for many businesses. Our solution will be unique from existing solutions in that it will be affordable, user-friendly, and customizable to meet the specific needs of different businesses. The potential benefits of our solution include increased efficiency, accuracy, and productivity for businesses.

Target Customers

Our primary target customers are small and medium-sized businesses in the retail, healthcare, and financial sectors. They are typically businesses with less than 100 employees and annual revenue of less than \$5 million. Their pain point is the time-consuming and error-prone process of manual data analysis, which affects their productivity and profitability.

Existing Solutions

We have spent approximately 50 hours researching existing solutions in the market. There are several software tools available that automate data analysis, but they are either too expensive, too complex, or not customizable enough for small and medium-sized businesses. Our solution is better than what is already available because it is affordable, user-friendly, and customizable to meet the specific needs of different businesses. We have surveyed 100 businesses and found that 80% of them are interested in our solution.

Next Steps

The main thing we want to do next is to develop a prototype of our software tool and test it with a group of beta users. Our biggest concern is the competition in the market, but we believe that our solution is unique and has the potential to be successful. We have kept a logbook of our work on this idea.

Intellectual Property

Our idea has not been disclosed in a public venue, and we have not pursued a patent yet

International Institute of Professional Studies
I.I.P.S.- D.A.V.V
Internal Test-2
U.G./ P.G. Project Assessment
M.M. : 20

- 1: What is the purpose of your undergraduate project in CS/IT?
 - A. To solve a specific problem
 - B. To demonstrate your programming skills
 - C. To create a new software product
 - D. To gain experience in project management

- 2: What is the problem you are addressing in your undergraduate project?
 - A. Increasing cyber-attacks
 - B. Poor website design
 - C. Slow internet speeds
 - D. Inefficient database management

- 3: Which programming languages are you using in your undergraduate project?
 - A. C++ and Java
 - B. Python and PHP
 - C. Ruby and JavaScript
 - D. HTML and CSS

- 4: What is the primary goal of your undergraduate project?
 - A. To create a mobile application
 - B. To develop a website
 - C. To optimize database performance
 - D. To design a game

- 5: What type of software development methodology are you using in your undergraduate project?
 - A. Agile
 - B. Waterfall
 - C. Scrum
 - D. Spiral

- 6: What tools are you using to manage your undergraduate project?
 - A. Trello and Asana
 - B. GitHub and Bitbucket
 - C. Jira and Confluence
 - D. Slack and Discord

- 7: What is the expected outcome of your undergraduate project?
 - A. A fully functional software product
 - B. A comprehensive report on the problem and its solution

- C. A prototype of a new software application
- D. A detailed project plan

8: What type of testing are you conducting in your undergraduate project?

- A. Unit testing
- B. Integration testing
- C. Regression testing
- D. All of the above

9: Which database management system are you using in your undergraduate project?

- A. MySQL
- B. PostgreSQL
- C. MongoDB
- D. Oracle

10: What type of user interface are you designing in your undergraduate project?

- A. Command-line interface
- B. Graphical user interface
- C. Web-based interface
- D. All of the above

Note: The above assessment is a sample only and may not be applicable to all CS/IT undergraduate projects. The actual assessment will vary depending on the project requirements and objectives.

Tentative Response Keys for Assessment of Undergraduate Projects in CS/IT
(Short MCQ-based)

1. A. To solve a specific problem
2. Depends on the project.
3. B. Python and PHP
4. Depends on the project.
5. A. Agile
6. Depends on the project.
7. Depends on the project.
8. D. All of the above
9. Depends on the project.
10. D. All of the above

Note: As mentioned in the previous response, the actual assessment will vary depending on the project requirements and objectives. Therefore, the answer keys may differ accordingly.

End Semester Assessment Criteria
Presentation and Demonstration
(External Examiner, Project Incharge with interested audience)
M.M. : 60 Marks

Marks Distribution

1. Project Concept and Objectives: 10 marks
2. Methodology and Approach: 15 marks
3. Technical Implementation: 15 marks
4. Design and User Interface: 10 marks
5. Results and Analysis: 10 marks
6. Future Scope and Recommendations: 5 marks

S.No.	Activity	Detail
1	Project Concept and Objectives:	The presentation should begin with a clear and concise overview of the project concept and objectives, demonstrating a thorough understanding of the problem being solved.
2	Methodology and Approach:	The presenter should provide a detailed explanation of the methodology and approach used in the project, highlighting the key techniques and tools used in the project implementation.
3	Technical Implementation:	The presentation should showcase the technical implementation of the project, highlighting the use of relevant programming languages, databases, frameworks, and technologies.
4	Design and User Interface:	The presenter should showcase the design and user interface of the project, highlighting the user experience and any innovative features or functionalities.
5	Results and Analysis:	The presentation should showcase the results and analysis of the project, highlighting the accuracy, efficiency, and effectiveness of the project implementation.
6	Future Scope and Recommendations:	The presenter should provide future scope and recommendations for further development and improvement of the project.

Presentation Guidelines

1. Begin with an attention-grabbing introduction that captures the audience's interest.
2. Use clear and concise language, avoiding technical jargon that may be difficult for non-technical audience members to understand.
3. Use visuals, such as diagrams, charts, and screenshots, to support and enhance the presentation.
4. Keep the presentation within the allotted time limit, ensuring that all key points are covered.
5. Encourage audience participation by asking for questions and feedback throughout the presentation.
6. End the presentation with a clear and concise summary of the key takeaways and the project's significance.

So, the presenter should aim to convey a clear understanding of the project, its implementation, and its significance, while engaging the audience and showcasing their technical skills and expertise.