**AIPROJECTLOGBOOK**

Resource for Students

*(Adaptedfrom“IBM EdTechYouthChallenge –ProjectLogbook” developed byIBM*

*incollaborationwithMacquarieUniversity,AustraliaandAustralianMuseum)*

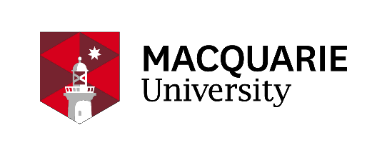
**KEYPARTNERS**



**INDIAIMPLEMENTATION PARTNERS**



**GLOBALPARTNERS**



**AI ProjectLogbook**

|  |  |
| --- | --- |
| **PROJECTNAME:** | **SPEECH RECOGNITION** |
| **SCHOOL NAME:** | **AMRITA VIDYALAYAM** |
| **YEAR/CLASS:** | **2024-2025,12 A** |
| **TEACHER NAME:** | **REKHA** |
| **TEACHEREMAIL:** |  |

**TEAM MEMBERS NAMES AND GRADES:**

**1. ASHWINI.S 12 A**

**2. ATCHAYA VARDHINI.K 12 A**

**3. PRIA VARSHINI.S 12 A**

**4. KEERTHIVASAN.T 12 A**

**5. SANJANA.R 12 A**

1.Introduction

Thisdocumentisyour**ProjectLogbook**,anditwillbe whereyourecordyourideas,thoughts and answersas youworktosolve alocal problemusing AI.

Makeacopyofthedocumentinyourshareddriveandworkthroughitdigitallywithyourteam. Youcan alsoprintacopyofthe documentandsubmitascannedcopyonceyouhave completedtheProjectLogbook.Feel freetoaddpagesandanyothersupportingmaterialto thisdocument.

Refer tothe**AIProjectGuide**for moredetailsaboutwhat to doat eachstepofyour project.

2.TeamRoles

**2.1Whoisin yourteamandwhatare theirroles?**

|  |  |  |
| --- | --- | --- |
| Role | Role description | TeamMember Name |
| TEAM LEADER | Provides guidance and instruction to a working group about a project or portfolio of projects. She/he is in charge of delegating work, overseeing progress towards goals, and coaching team members as needed | **KEERTHIVASAN.T** |
| DATA RESEARCHER | Analyzes and interprets data sets to find patterns, trends, and insights. His/hers work helps organizations make data-driven decisions and grow their business. | **ASHWINI.S** |
| DATA EXPERT | Manage, analyze, and interpret data to help organizations make decisions. They use a variety of skills and techniques to transform raw data into meaningful information | **ATCHAYA VARDHINI.K** |
| DESIGNER | Develops and creates visual ideas. Creates and implements artificial intelligence solutions. | **PRIA VARSHINI.S** |
| PROTYPER/ CODER/ TESTER | Creates software by converting a task into a set of commands for the system to process and execute  fulfill the functional and non-functional requirements of the product. | **KEERTHIVASAN.T** |
| VIDEO PRODUCER | Audiovisual specialist responsible for planning and implementing all of the elements of a video project | **SANJANA.R** |

**2.2Project plan**

The followingtableisa guideforyourprojectplan.Youmayuse thisorcreateyourown versionusingaspreadsheetwhichyoucanpasteintothissection.Youcanexpandthe‘Notes’ sectiontoaddreminders,thingsthat youneedtofollowupon,problemsthat needtobefixed urgently,etc.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Phase** | **Task** | **Planned**  **start date** | **Planned**  **end date** | **Planned**  **duration (hours, minutes)** | | **Actual**  **start date** | **Actual**  **enddate** | **Actual**  **duration (hours, minutes)** | **Whois**  **responsible** | **Notes/Remarks** |
| **Preparingfor**  **the project** | Coursework,  readings | 20/8/24 | 20/8/24 | 40Minutes | | 20/8/24 | 20/8/24 | 40Minutes | Team Leader | Discussed ideas about project |
|  | Setup  team folder on a shared drive | 21/8/24 | 21/8/24 | 40 Minutes | | 21/8/24 | 21/8/24 | 40 Minutes | All members |  |
| **Defining the**  **problem** | Background  reading | 23/8/24 | 24/8/24 | 3 hours | | 23/8/24 | 24/8/24 | 3 hours | All members |  |
| Research  issues inour community | 27/8/24 | 27/8/24 | 1.5 hours | | 27/8/24 | 27/8/24 | 1.5 hours | All members |  |
| Team  meetingto discuss issuesand  selectan  issue forthe project | 27/8/24 | 27/8/24 | 1 hour | | 27/8/24 | 27/8/24 | 1 hour | All members |  |
| Complete section 3of  the Project  Logbook | 28/8/24 | 28/8/24 | 40 minutes | | 28/8/24 | 28/8/24 | 40 minutes | All members |  |
| Rate  yourselves | 5/5 | 5/5 |  | | 5/5 | 5/5 |  |  |  |
| **Understanding**  **the users** | Identifyusers | 3/9/24 | 3/9/24 | 1 hour | | 3/9/24 | 3/9/24 | 1 hour | All members |  |
| Meeting with  users to observe them | 3/9/24 | 3/9/24 | 30Minute s | | 3/9/24 | 3/9/24 | 30Minutes | All members |  |
| Interview  withuser (1) | 3/9/24 | 3/9/24 | 1 hour | | 3/9/24 | 3/9/24 | 1 hour | All members |  |
| Interview  withuser (2),  etc… | 3/9/24 | 3/9/24 | 1 hour | | 3/9/24 | 3/9/24 | 1 hour | All members |  |
| Complete  section 4 of the Project  Logbook | 4/9/24 | 4/9/24 | 2.5 hours | | 4/9/24 | 4/9/24 | 2.5 hours | All members |  |
| Rate yourselves | 5/5 | 5/5 |  | | 5/5 | 5/5 |  | All members |  |
| **Brainstorming** | Team  meetingto generate ideas for a solution | 4/9/24 | 4/9/24 | 3 hours | | 4/9/24 | 4/9/24 | 3 hours | All members |  |
| Complete section 5of  the Project  Logbook | 6/9/24 | 6/9/24 | 3 hours | | 6/9/24 | 7/9/24 | 3 hours | All members |  |
| Rate  yourselves | 4/5 |  |  | |  |  |  | All members |  |
| **Designing**  **yoursolution** | Team  meetingto design the solution | 6/9/24 | 19/9/24 | 10 hours | | 6/9/24 | 19/9/24 | 10 hours | All members |  |
| Complete  section6of thelogbook | 21/9/24 | 21/9/24 | 2 hours | | 21/9/24 | 21/9/24 | 1 hour | All members |  |
| Rate  yourselves | 5/5 |  |  | |  |  |  | All members |  |
| **Collectingand**  **preparingdata** | Team  meetingto discussdata requirements | 22/9/24 | 24/9/24 | | 4 hours | 22/9/24 | 24/9/24 | 4 hours | All members |  |
| **Collectingand**  **preparingdata**  **Prototyping** | Data  collection | 22/9/24 | 24/9/24 | | 4 hours | 22/9/24 | 24/9/24 | 4 hours | All members |  |
| Data  preparation andlabelling | 25/9/24 | 25/9/24 | | 2 hours | 25/9/24 | 25/9/24 | 2 hours | All members |  |
| Complete  Section 6of the Project Logbook | 25/9/24 | 25/9/24 | | 2 hours | 25/9/24 | 25/9/24 | 2 hours | All members |  |
| Team  meetingto plan prototyping phase | 27/9/24 | 27/9/24 | | 1 hour | 27/9/24 | 27/9/24 | 1 hour | All members |  |
| **Prototyping**  **Testing** | Trainyour  modelwith inputdataset | 27/9/24 | 27/9/24 | | 1 hour | 27/9/24 | 27/9/24 | 1 hour | All members |  |
| Test your  model and keep training withmore datauntil you think your modelis accurate | 1/10/24 | 8/10/24 | | 2 hours | 1/10/24 | 8/10/24 | 2 hours | All members |  |
| Writea  programto initiate actions  basedonthe resultof your model | 1/10/24 | 8/10/24 | | 2 hours | 1/10/24 | 8/10/24 | 2 hours | All members |  |
| Complete  section 8of the Project Logbook | 1/10/24 | 8/10/24 | | 2 hours | 1/10/24 | 8/10/24 | 2 hours | All members |  |
| Rate yourselves | 5/5 |  | |  |  |  |  | All members |  |
| Team  meetingto discuss testing plan | 15/10/24 | 15/10/24 | | 1 hour | 15/10/24 | 15/10/24 | 1 hour | All members |  |
| **Testing**  **Creatingthe video** | Inviteusers  to test your prototype | 15/10/24 | 15/10/24 | | 1 hour | 15/10/24 | 15/10/24 | 1 hour | All members |  |
| Conduct  testing with users | 16/10/24 | 16/10/24 | | 4 hours | 16/10/24 | 16/10/24 | 4 hours | All members |  |
| Complete  section 9of the Project Logbook | 16/10/24 | 16/10/24 | | 1 hour | 16/10/24 | 16/10/24 | 1 hour | All members |  |
| Rate  yourselves | 5/5 |  | |  |  |  |  | All members |  |
| Team  meetingto discuss video creation | 18/10/24 | 18/10/24 | | 10 minutes | 18/10/24 | 18/10/24 | 10 minutes | All members |  |
|  | Writeyour  script | 18/10/24 | 18/10/24 | | 1 hour | 18/10/24 | 18/10/24 | 1 hour | All members |  |
|  | Filmyour  video | 19/10/24 | 19/10/24 | | 2 hours | 19/10/24 | 19/10/24 | 2 hours | All members |  |
|  | Edit your  video | 19/10/24 | 22/10/24 | | 3 hours | 19/10/24 | 22/10/24 | 3 hours | All members |  |
| **Completing**  **the logbook** | Reflect on  theproject withyour team | 23/10/24 | 23/10/24 | | 1 hour | 23/10/24 | 23/10/24 | 1 hour | All members |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Complete  sections 10 and11of the Project Logbook | 23/10/24 | 23/10/24 | 40 minutes | 23/10/24 | 23/10/24 | 40 minutes | All members |  |
|  | Reviewyour  Project logbookand video | 24/10/24 | 24/10/24 | 1 hour | 24/10/24 | 24/10/24 | 1 hour | All members |  |
| **Submission** | Submit your entrieson  theIBM | 20/11/24 | 20/11/24 |  | 20/11/24 | 20/11/24 |  | All members |  |

**2.3Communicationsplan**

* Will you meet face-to-face,onlineoramixtureof each tocommunicate?

Yes we met face -to- face and online

* Howoftenwill youcometogether to share your progress?

Weekly once

* Whowill setuponlinedocumentsandensurethat everyone is contributing?

EVERYONE

* What toolswill youuseforcommunication?

WhatsApp, Google meet

**2.4Team meetingminutes(create oneforeach meetingheld)**

Date of meeting:

Who attended: Everyone

Whowasn’table toattend:

Purpose of meeting: Itemsdiscussed:

1.

2.

3.

Thingsto do(what, bywhom, bywhen)

1.

2.

3.

|  |
| --- |
| Date of meeting:  Who attended: All 5 members.  Who wasn’t able to attend: NIL.  Purpose of meeting: Items discussed:  1.  2.  3.  Things to do (what, by whom, by when)  1.  2.  3. |
| Date of meeting:  Who attended:  Who wasn’t able to attend:  Purpose of meeting: Items discussed:  1.  2.  3.  Things to do (what, by whom, by when)  1.  2.  3. |
| Date of meeting:  Who attended:  Who wasn’t able to attend:  Purpose of meeting: Items discussed:  1.  2.  3.  Things to do (what, by whom, by when)  1.  2.  3. |
| Date of meeting:  Who attended:  Who wasn’t able to attend:  Purpose of meeting: Items discussed:  1.  2.  3.  Things to do (what, by whom, by when)  1.  2.  3. |
| Date of meeting:  Who attended:  Who wasn’t able to attend:  Purpose of meeting: Items discussed:  1.  2.  3.  Things to do (what, by whom, by when)  1.  2.  3. |
| Date of meeting:  Who attended:  Who wasn’t able to attend:  Purpose of meeting: Items discussed:  1.  2.  3.  Things to do (what, by whom, by when)  1.  2.  3. |

3.ProblemDefinition

**3.1 List important local issuesfacedbyyourschoolorcommunity**

**The local issues that our school and community faces are:-**

* Environment problem
* Health related problem
* Problem in hearing to lecture by physically challenged students
* Taking quick notes during class hours or meeting especially for slow writers or typewriters disturbs concentration
* School quality
* Food security problem
* unemployment

**3.2 Which issues matter to you and why?**

* Problem in hearing to lecture by physically challenged students
* Taking quick notes during class hours or meeting especially for slow writers or typewriters disturbs concentration
* It is a very great drawback to even students or learners who have the potential in them to learn and succeed in their career

**3.3Whichissuewillyou focuson?**

* Problem in hearing to lecture by physically challenged students
* Taking quick notes during class hours or meeting especially for slow writers or

typewriters disturbs concentration

**3.4Write yourteam’s problem statement inthe format below.**

|  |
| --- |
| How we can help learners or students find a way to easily take notes while attending or observing a lecture or presentation so that they can concentrate in the topic that they are listening to |

**Rateyourself 2**

**ProblemDefinition**

1 point-A localproblemis described

2 points-Alocalproblemwhichhasnotbeenfullysolvedbeforeisdescribed.

3points-Alocalproblemwhichhasnotbeenfullysolvedbeforeisexplainedin detailwithsupporting research.

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4.The Users

**4.1 Who aretheusersand howaretheyaffected bythe problem?**

* Physically challenged people
* Students
* Learners
* Working men

**4.2 What have you actually observed about the users and how the problem affects them?**

* Physically challenged people generally feel it difficult to hear to lectures or presentations. Thus it would be easier for them with the help of speech recognition AI model
* Many people find it difficult to simultaneously listen to lectures or presentation and take notes from it. The speech recognition AI model helps them to concentrate more on the presenter ot lecturer and later take notes

9

**4.3Record your interview questions here as well as responses from users.**

10

**4.4EmpathyMap**

Mapwhattheuserssay, think,doandfeel about theproblem inthis table

|  |  |
| --- | --- |
| **Whatourusersaresaying** | **Whatourusersthinking** |
| **Whatourusersaredoing** | **Howourusersfeel** |

**4.5Whataretheusualstepsthatuserscurrentlytakerelatedtotheproblemandwhere are thedifficulties?**

1. Trial and Error

2. Heuristics

3. Algorithms

4. Seeking Information and Expertise

5. Creative Problem Solving

6. Emotional and Social Factors

7. Intuition

8. Analogical Reasoning

9. Breaking Down the Problem

10. Mind Mapping

**4.6Write yourteam’s problem statement inthe format below.**

[aspecificuserorgroupofusers]

areexperiencingissues with [problem] today because of [cause]

|  |  |  |
| --- | --- | --- |
| **Rateyourself** |  |  |
| **TheUsers**  1 point- Theusergroupisdescribedbut itis unclearhowtheyareaffectedbytheproblem.  2 points- Understandingof theusergroupis evidencedbycompletionof mostof thestepsinthis section.  3 points- Understandingof theusergroupis evidencedbycompletionof mostof thestepsinthis sectionandthoroughinvestigation | | |

5.Brainstorming

**5.1Ideas**

HowmightyouusethepowerofAI/machinelearningtosolvetheusers’problembyincreasing their knowledge orimprovingtheir skills?

AIIdea#1

Personalized learning: AI-powered tutors, Personalized learning paths

AIIdea#2

Skill Enhancement: Simulation and Practice

AIIdea#3

Knowledge Accessibility: Virtual Assistants, Intelligent Search engines

AIIdea#4

Skill Gap Identification: AI-powered assesments

AIIdea#5

Continuous Learning: Micolearning platforms,Skill tracking and progress monitoring

**5.2PriorityGrid**

EvaluateyourfiveAIideasbasedonvaluetousersandeaseof creationandimplementation.

High

VALUE TOUSERS

Low

Easy Hard

|  |  |
| --- | --- |
| **Highvalue tousers, easytocreate** | High value tousers,hardtocreate |
| Lowvalue tousers,easy tocreate | Lowvalue tousers,hardtocreate |

EASE OFDEVELOPMENT

**5.3Basedontheprioritygrid,whichAIsolutionisthebestfitforyourusersandfor yourteam tocreateand implement?**

Brieflysummarizetheideaforyoursolutioninafewsentencesandbesuretoidentifythetool that youwill use.

|  |  |  |
| --- | --- | --- |
| **Rateyourself** |  |  |
| **Brainstorming**  1 point–A brainstormingsessionwasconducted.Asolutionwasselected.  2 points-Abrainstormingsessionwasconductedusingcreativeandcriticalthinking.Asolutionwas selectedwithsupportingargumentsinthissection  3 points-Abrainstormingsessionwasconductedusingcreativeandcriticalthinking.Acompelling solutionwasselectedwithsupportingargumentsinthissection. | | |

6.Design

**6.1WhatarethestepsthatuserswillnowdousingyourAIsolutiontoaddressthe problem?**

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

|  |  |  |
| --- | --- | --- |
| **Rateyourself** |  |  |
| **Design**  1 point–Theuseof AIis agoodfitforthesolution.  2 points- Theuseof AIis agoodfitforthesolutionandthereis somedocumentationabouthowit meetstheneedsofusers  3points- Theuseof AIis agoodfitforthesolution.Thenewuserexperienceis clearlydocumented  showinghowuserswillbebetterservedthantheyaretoday. | | |

7.Data

**7.1Whatdatawillyou need totrain yourAI solution?**

**7.2Where orhow willyou sourceyourdata?**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Dataneeded** | **Wherewillthe datacome from?** | **Whoownsthe data?** | **Do youhave permissiontouse thedata?** | **Ethical considerations** |
| **Have** |  |  |  |  |
| **Want/Need** |  |  |  |  |
| **Nicetohave** |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Rateyourself** |  |  |
| **Data**  1 point–RelevantdatatotraintheAImodelhavebeenidentifiedaswellashowthedatawillbe sourcedorcollected.  2 points- RelevantdatatotraintheAImodelhave beenidentifiedaswellashowthedatawillbe sourcedorcollected.Thereis evidencethatthedatasetis balanced.  3 points- RelevantdatatotraintheAImodelhavebeenidentifiedaswellashowthedatawillbe  sourcedorcollected.Thereis evidencethatthedatasetis balanced,andthatsafetyandprivacyhave beenconsidered. | | |

8.Prototype

**8.1WhichAItool(s)willyouuse to buildyourprototype?**

**8.2WhichAItool(s)willyou use to buildyoursolution?**

**8.3What decisionsor outputswillyourtool generateandwhat furtheractionneedsto be takenafteradecision ismade?**

**Rateyourself**

**Prototype**

1 point–A conceptforaprototypeshowshowthe AI modelwillwork.

2 points-Aprototypeforthesolutionhasbeencreatedandtrained.

3 points-Aprototypeforthesolutionhasbeencreatedandsuccessfullytrainedtomeetusers’

requirements.

9.Testing

**9.1Who aretheuserswhotestedtheprototype?**

**9.2Listyourobservations of yourusersas theytested yoursolution.**

19

**9.3Completetheuser feedback grid**

|  |  |
| --- | --- |
| Whatworks | Whatneedstochange |
| Questions? | Ideas |

20

**9.4Refiningtheprototype:Basedonusertesting,whatneedstobeactedonnowso that theprototype can be used?**

**9.5What improvements can bemadelater?**

**Rateyourself**

**Testing**

1 point–A conceptforaprototypeshowshowitwillbetested.

2 points-Aprototypehasbeentestedwithusersandimprovementshavebeenidentifiedto meet userrequirements.

3 points-Aprototypehasbeentestedwithafairrepresentationof usersandalltasksinthissection havebeencompleted.

10.Teamcollaboration

**10.1Howdid you activelyworkwithothersinyourteamandwith stakeholders?**

|  |  |  |
| --- | --- | --- |
| **Rateyourself** |  |  |
|  |  |  |
| **Teamcollaboration**  1 point–Thereis someevidenceof team interactionsamongpeersandstakeholders.  2 points- Teamcollaborationamongpeersandstakeholdersis clearlydocumentedinthissection.  3 points-Effectiveteam collaborationandcommunicationamongpeersandstakeholdersis clearly documentedinthissection. | | |

11.Individual learning reflection

**11.1. TeamReflections**

Agoodwayto identify what youhavelearnedistoaskyourself whatsurprised youduringthe project. List thethingsthat surprisedyouandanyotherthoughts youmight have onissues in yourlocal community.

**Teammembername:**

**Teammembername:**

**Teammembername:**

**Teammembername:**

**Teammembername:**

**Teammembername:**

***Note:****Addmore boxes ifthere aremoremembersin yourteam*

**Rateyourself**

**IndividualLearningReflection**

1 point–Someteammemberspresentanaccountof their learningduringtheproject.

2 points-Eachteam presentsanaccountof their learningduringtheproject.

3 points-Eachteammemberpresentsareflectiveand insightfulaccountof theirlearningduringthe project.

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12.Video link

**Enter the URL ofyourteamvideo: Enter the password (ifany):**

**Appendix**

**RecommendedAssessmentRubric (for Teachers)**

**LOGBOOKANDVIDEOCONTENT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Steps** | **3 points** | **2 points** | **1 point** | **Points**  **Given** |
| Problemdefinition | Alocalproblemwhichhas not been fullysolvedbeforeis explainedindetailwith supporting research. | Alocalproblemwhichhas not been fullysolvedbeforeis described. | Alocalproblemis described |  |
| The Users | Understanding of theuser group  isevidencedbycompletion of all ofthesteps in *Section 4The Users*andthorough investigation. | Understanding of theuser  groupisevidencedby completion ofmost of the stepsin *Section4TheUsers*. | The user groupis  describedbutit is unclear howthey areaffectedby theproblem. |  |
| Brainstorming | Abrainstormingsession was  conductedusingcreativeand criticalthinking. A compelling solutionwasselectedwith supporting arguments from *Section 5Brainstorming.* | Abrainstormingsession was  conductedusingcreativeand criticalthinking. A solution was selectedwithsupporting arguments in*Section 5*  *Brainstorming.* | Abrainstormingsession  wasconducted. A solution wasselected. |  |
| Design | The useof AI isagood fit forthe  solution.Thenewuser experienceis clearly documentedshowing howusers willbebetterserved thanthey are today. | The useof AI isagood fit for  the solution andthereis some documentation about howit meets theneeds ofusers. | The useof AI isagood fit  for thesolution. |  |
| Data | Relevantdatato trainthe AI  model havebeenidentifiedas wellashowthedatawillbe sourcedorcollected. Thereis evidencethat thedataset is balanced,andthat safety and privacy havebeen considered. | Relevantdatato trainthe AI  model havebeenidentifiedas wellashowthedatawillbe sourcedorcollected. Thereis evidence that thedataset is balanced. | Relevantdatato trainthe  AI modelhavebeen identifiedas wellashow thedatawillbe sourcedor collected. |  |
| Prototype | Aprototype forthesolutionhas  been createdandsuccessfully trained tomeet users’ requirements. | Aprototype forthesolution  hasbeencreatedandtrained. | A concept foraprototype  showshowthe AImodel willwork |  |
| Testing | Aprototypehasbeentested  witha fair representation of usersandalltasks in*Section 9*  *Testing* havebeencompleted. | Aprototypehasbeentested  withusersand improvements havebeenidentifiedtomeet user requirements. | A concept foraprototype  showshowitwillbe tested. |  |
| Team  collaboration | Effective teamcollaboration and  communication amongpeers and stakeholders is clearly documentedin *Section 10Team collaboration*. | Teamcollaboration among  peersandstakeholders is clearly documentedin*Section*  *10Teamcollaboration*. | Thereis someevidenceof  teaminteractions among peersandstakeholders. |  |
| Individual  learning | Eachteammember presentsa  reflectiveandinsightfulaccount oftheirlearning duringthe project. | Eachteampresents an  account of theirlearning during theproject. | Someteammembers  presentanaccountof their learning during theproject. |  |
| Totalpoints | | | |  |

**VIDEOPRESENTATION**

|  |  |  |
| --- | --- | --- |
| **Criteria** | | **Points Given**  3– excellent  2– verygood  1– satisfactory |
| Communication | The video iswell-pacedand communicated, followingaclear and logical sequence. |  |
| Illustrative | Demonstrationsand/orvisualsareusedto illustrate examples,where appropriate. |  |
| Accurate language | The video presents accuratescience andtechnologyand usesappropriate language. |  |
| Passion | The video demonstratespassionfromteam membersabout theirchosentopic/idea. |  |
| Soundand imagequality | The video demonstratesgoodsoundandimagequality. |  |
| Length | Thecontentispresentedin the video within a3-minute timeframe. |  |
| Totalpoints | |  |

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