

| Total hours per month |        |        |
|-----------------------|--------|--------|
|                       | Morten | Thomas |
| Januar                | 63     | 51     |
| Februar               | 54     | 57     |
| Mars                  | 33     | 28     |
| April                 | 141    | 121    |
| Mai                   | 150    | 182    |
| Total                 | 441    | 439    |

| Januar     |                  |   |  |                    |  |
|------------|------------------|---|--|--------------------|--|
| Total      | 63               |   |  | 51                 |  |
|            | Morten stavik eg | jobbet med dette:   |  | Thomas Christ Huru | jobbet med dette:  |
| 10.01.2022 | 4                | Satt opp dokumenter, lagde planer for uka, søkte om dataset hos spotify                         |  | 4                  | Oppsetting av dokumenter                                 |
| 11.01.2022 |                  |   |  |                    |  |
| 12.01.2022 |                  |   |  |                    |  |
| 13.01.2022 | 4                | Meeting with Donn, Starting to look at acast  |  | 2                  | Meeting with Donn, starting on vision document           |
| 14.01.2022 | 5                | filedownloader.py, making it and getting it to work with the commandline, all new stuff for me. |  | 4                  | Document work  |
| 15.01.2022 |                  |   |  |                    |  |
| 16.01.2022 |                  |   |  | 1                  | Working on contract                                      |
| 17.01.2022 |                  |   |  | 2                  | Documents, contract                                      |
| 18.01.2022 |                  |   |  | 3                  |  |
| 19.01.2022 |                  |   |  | 3                  |  |
| 20.01.2022 | 8                | filedownloader fully functioning, rss reader somewhat working                                   |  | 4                  | Setting up timeplan, fixing on documents, reviewing code |

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|------------|---|--|--|---|---|
| 21.01.2022 | 8 | Synthesising the filedownloader and the rss reader, should work on the laptop for downloading podcasts now |  | 4 | Working on documents and cooperating on the filedownloader/rss reader |
| 22.01.2022 | 8 | Trying to fix a small bug with the storage of the downloaded files, finding feeds                          |  |   |   |
| 23.01.2022 |   |  |  | 2 | Risico analysis, fixing on documents                                  |
| 24.01.2022 | 6 | Finding some feeds, testing the downloading. Some problems with Tor  |  | 2 | Documents, making sure htngs are ready for handin                     |
| 25.01.2022 | 8 | Torify works! Some document and mail stuff. Starting some big downloads                                    |  | 1 | Documents, i'm down with a fever and cough for the next days.         |
| 26.01.2022 |   |  |  |   |   |
| 27.01.2022 | 6 | Meeting, checking documents  |  | 6 | Documents, making sure htngs are ready for handin                     |

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| 28.01.2022 | 6 Documents |  |  | 6 | Documents, and starting on program for diffing audio filkes |
| 29.01.2022 |             |  |  | 7 | Readign and noting down related work                        |
| 30.01.2022 |             |  |  |   |   |
| 31.01.2022 |             |  |  |   |   |

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| Februar    |                  |  |  |                    |   |
| Total      | 54               |  |  | 57                 |   |
|            | Morten stavik eg | jobbet med dette:  |  | Thomas Christ Huru | jobbet med dette:   |
| 01.02.2022 |                  |  |  | 2                  | Program for audio diff  |
| 02.02.2022 |                  |  |  | 1                  | Fixing contract   |
| 03.02.2022 | 8                | Getting VPN for downloads, checking that the ads are correct |  | 12                 | Breakthrough on audio diff, contract now signed by all parts, adn finished contract |
| 04.02.2022 | 8                | Downloading more ads to ssd                                  |  |                    |   |
| 05.02.2022 |                  |  |  |                    |   |
| 06.02.2022 |                  |  |  |                    |   |
| 07.02.2022 | 8                | More downloads, more cleanup                                 |  |                    |   |
| 08.02.2022 |                  |  |  |                    |   |
| 09.02.2022 | 6                | cleanup on storage, more downloads                           |  | 6                  | Audiodiffer   |
| 10.02.2022 | 8                | Making ssd ready to for audiodiff set                        |  | 8                  | Splitting audio with the differ, start on amss differ                               |
| 11.02.2022 |                  |  |  | 6                  | finishsing differ   |
| 12.02.2022 |                  |  |  |                    |   |
| 13.02.2022 |                  |  |  |                    |   |
| 14.02.2022 |                  |  |  | 3                  | Improving differ with donns code,now ready for next step                            |

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| 15.02.2022 |  |   |  | 5 | Bugs in audiodiffer, pretty difficult to test properly      |
| 16.02.2022 |  |   |  | 4 | Again working on bugs in audiodiffer and doing some reading |
| 17.02.2022 |  |   |  | 6 | Audiodiffer now actually done and efficient                 |
| 18.02.2022 |  |   |  |   |   |
| 19.02.2022 |  |   |  |   |   |
| 20.02.2022 |  |   |  |   |   |
| 21.02.2022 |  | Testing audio differ, getting ready to use it |  | 4 | Working with Morten   |
| 22.02.2022 |  | Creating dataset with audio differ            |  | 8 |   |
| 23.02.2022 |  |   |  |   |   |
| 24.02.2022 |  | Fixing problems with dataset                  |  | 4 |   |
| 25.02.2022 |  |   |  |   |   |
| 26.02.2022 |  |   |  |   |   |
| 27.02.2022 |  |   |  |   |   |
| 28.02.2022 |  |   |  |   |   |

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| Mars       |                        |  |  |                       |  |
| Total      | 33                     |  |  | 28                    |  |
|            | Morten stavik<br>eggen | jobbet med<br>dette:   |  | Thomas Christ<br>Huru | jobbet med<br>dette:   |
| 01.03.2022 |                        |  |  |                       |  |
| 02.03.2022 |                        |  |  |                       |  |
| 03.03.2022 |                        |  |  |                       |  |
| 04.03.2022 |                        |  |  |                       |  |
| 05.03.2022 |                        |  |  |                       |  |
| 06.03.2022 |                        |  |  |                       |  |
| 07.03.2022 |                        |  |  |                       |  |
| 08.03.2022 |                        |  |  |                       |  |
| 09.03.2022 |                        |  |  |                       |  |
| 10.03.2022 |                        |  |  |                       |  |
| 11.03.2022 |                        |  |  |                       |  |
| 12.03.2022 |                        |  |  |                       |  |
| 13.03.2022 |                        |  |  |                       |  |
| 14.03.2022 |                        |  |  |                       |  |
| 15.03.2022 |                        |  |  |                       |  |
| 16.03.2022 |                        |  |  |                       |  |
| 17.03.2022 |                        |  |  |                       |  |
| 18.03.2022 |                        |  |  |                       |  |
| 19.03.2022 | 5                      | recreating<br>dataset, due to<br>complications<br>with the<br>soundfiles |  | 5                     | Started work on<br>converting to<br>wav, doing<br>some document<br>work. |
| 20.03.2022 | 4                      | continuing to<br>recreate dataset  |  | 4                     | Fixing code  |
| 21.03.2022 |                        |  |  | 6                     | Checkign for<br>and fixing bugs  |
| 22.03.2022 |                        |  |  |                       |  |
| 23.03.2022 |                        |  |  |                       |  |

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| 24.03.2022 |   |  |  |   |  |
| 25.03.2022 |   |  |  |   |  |
| 26.03.2022 |   |  |  |   |  |
| 27.03.2022 |   |  |  |   |  |
| 28.03.2022 |   |  |  |   |  |
| 29.03.2022 | 8 | Getting storage ready for wav conversion   |  | 6 | Convert to wav finalized   |
| 30.03.2022 | 8 | Trying to work the wav conversion tool   |  | 3 | Trying to make code work on Morten's computer, different versions of programs mess things up |
| 31.03.2022 | 8 | Storage is acting up, code using os is complicated on multiple computers with multiple systems |  | 4 | Trouble with managing file library   |

|            |                     |   |  |                    |   |
|------------|---------------------|---|--|--------------------|---|
| April      |                     |   |  |                    |   |
| Total      | 141                 |   |  | 121                |   |
|            | Morten stavik eggen | jobbet med dette:   |  | Thomas Christ Huru | jobbet med dette:   |
| 01.04.2022 |                     |   |  |                    |   |
| 02.04.2022 | 8                   | os problems using the wav converter   |  | 8                  | Trying to figure out problem with libraries, looking for alternative solutions  |
| 03.04.2022 | 8                   | Still can't figure out why the conversion doesn't work on my end                            |  | 6                  | Same as above   |
| 04.04.2022 | 8                   | Think the wav works now, cleaning storage again so that we have a structured set to work on |  | 6                  | Moving files in base and making code cleaner  |
| 05.04.2022 | 8                   | Wav doesn't work at home now, working on it   |  | 8                  | Making code work on Morten's computer, takes time because converting, splitting and sometimes downloading takes time. |
| 06.04.2022 | 8                   | Dataset works now, I hope   |  | 6                  | Finally works   |
| 07.04.2022 |                     |   |  |                    |   |
| 08.04.2022 |                     |   |  |                    |   |
| 09.04.2022 |                     |   |  |                    |   |
| 10.04.2022 |                     |   |  |                    |   |
| 11.04.2022 |                     |   |  |                    |   |
| 12.04.2022 |                     |   |  |                    |   |

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| 13.04.2022 | 5  | AI testing, feil kode, var på hytta, prøvde å fikse men ble ikke brukbart   |  | 8 | Thesis writing                      |
| 14.04.2022 |    |   |  |   |                                     |
| 15.04.2022 |    |   |  |   |                                     |
| 16.04.2022 |    |   |  |   |                                     |
| 17.04.2022 |    |   |  |   |                                     |
| 18.04.2022 | 8  | Ai testing  |  | 6 | Thesis writing                      |
| 19.04.2022 | 14 | Ai testing, fiksing av dataset  |  | 8 | Thesis writing, working with Morten |
| 20.04.2022 | 14 | Fant ut at jeg må kjøre "convert to wav" manuelt, så det skal løse noen problemer. Dessverre er det noen problemer med den også som vi skal prøve å ignorere til vi får jobbet sammen |  | 8 | Working with Morten to fix model    |
| 21.04.2022 | 9  | Modellen kan endelig kjøre ferdig, meeen den er 41% accurate.. som er dårligere enn vill gjetting   |  | 9 | Working with Morten, research       |
| 22.04.2022 | 7  | Figuring out why the model doesn't give good results. Trying to figure out how I can give my laptop more space to ubuntu from windows. Started making a new model for training        |  | 8 | Research                            |
| 23.04.2022 |    |   |  |   |                                     |
| 24.04.2022 |    |   |  |   |                                     |
| 25.04.2022 | 8  | Meeting with Donn for 30 min, finding the mistake in the model and proving what is wrong. Seems to always select the same category  |  | 8 | Writing on the report               |

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| 26.04.2022 | 8  | Started making a new ai, also new splitting function. Suddenly we had a breakthrough on the old model so new ai is no more. We can get about 80% accuracy with a small dataset. Linux crashed when i tried to store segmented files. Setting up on windows. Going to continue to work on file segmenter afterwards.  |  | 8 | Writing on the report |
| 27.04.2022 | 14 | Finished a sound segmentation->mel->data saver that can be used to save the finished dataprocessing, now it is very easy to test on different datasets since we don't have to recompile them every time. Also tweaked around on the numbers in the model so that we became more accurate, have tested with a somewhat full dataset and we can get north of 90% accuracy! Lastly I started to write on some segments about the technologies that I have developed in the rapport. |  | 8 | Writing on the report |
| 28.04.2022 | 8  | wrote and worked on the rapport  |  | 8 | Writing on the report |
| 29.04.2022 | 6  | Rapport  |  | 8 | Writing on the report |
| 30.04.2022 |    |  |  |   |                       |

|            |                  |  |  |                    |   |
|------------|------------------|--|--|--------------------|---|
| Mai        |                  |  |  |                    |   |
| Total      | 150              |  |  | 182                |   |
|            | Morten stavik eg | jobbet med dette:  |  | Thomas Christ Huru | jobbet med dette:                                     |
| 01.05.2022 | 8                | Meeting with the great Donn. Some rapport, and making k fold x validation    |  | 12                 | Thesis writing, mostly related works and theory       |
| 02.05.2022 | 8                | Rapport, mainly "related works"  |  | 10                 | Thesis writing, mostly related works and theory       |
| 03.05.2022 | 8                | Rapport [discussion, sources of error]                                       |  | 14                 | Thesis writing, mostly related works and theory       |
| 04.05.2022 | 10               | Rapport new results, figuring out kfolds and running it                      |  | 10                 | Thesis writing, mostly related works and theory       |
| 05.05.2022 | 10               | new results from kfolds, making new datasets for testing spesific traits     |  | 10                 | Thesis writing, mostly related works and theory       |
| 06.05.2022 | 8                | more new results, chaning on the model so we can test spesific training sets |  | 12                 | Thesis writing, mostly related works and theory       |
| 07.05.2022 |                  |  |  | 3                  | Thesis writing, mostly related works, some discussion |
| 08.05.2022 |                  |  |  | 8                  | Related works   |

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|------------|----|---|--|----|--------------------------------|--|
| 09.05.2022 | 8  |   |  | 4  | Fixing on older sources        |  |
| 10.05.2022 | 10 | Changeing structure of document, adding comment function and commets    |  | 8  | Writing more detailed theory   |  |
| 11.05.2022 | 12 | Finalizing structure, rewriting to more formal language                 |  | 12 | Theory and related work        |  |
| 12.05.2022 | 12 | Rewriting formally, some expansion, running text in grammarly           |  | 12 | Theory and related work        |  |
| 13.05.2022 |    |   |  | 4  | Theory and related work        |  |
| 14.05.2022 |    |   |  | 8  | Theory and related work        |  |
| 15.05.2022 | 12 | Formalising my paragraphs, rewriting ethics                             |  | 12 | Theory and related work        |  |
| 16.05.2022 | 12 | Adding more results. finalising iintro, theory, methodology and results |  | 12 | Theory and related work        |  |
| 17.05.2022 | 6  | 17. may, not as much time to work, mainly doing groupwork on discussion |  | 6  | Theory and related work, fever |  |

