ITRW324 Projekte / Projects

# Werksverdeling / Work breakdown

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| --- | --- |
| Student Nr: |  |
| Van, Naam / *Surname, Firstname*: |  |
| Groep nommer /Group number | 9 |

# Form Instructions:

Vul alle velde in volgens die gids in rooi. Verskaf die *korrekte* studente nommer vir jou grouplede. ‘n Beskrywing van werk en aantal ure is nie ‘n enkele kort sin nie en **onvolledige/foutiewe dokumente mag afgekeur word**. Wees spesifiek, jy kan nie net sê jy het aan ‘frontend’ of ‘databasis’ gewerk nie.

Complete all fields according to the guide provided in red. Enter the *correct* student number of your group members. Descriptions of work and number of hours are not a single short sentence and **incomplete/incorrect documents may be rejected**. *Be specific, you cannot simply state that you worked on ‘frontend’ or ‘database’.*

*Herbenoem hierdie dokument volgens die volgende formaat / Rename this document according to the following format:*

*ITRW324\_PARTICIPATION\_GROUP #\_STUDENTNUM\_SURNAME\_INITIALS.docx*

# Groeplid bydraes / Group member contribution:

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| Groeplid / *Member*: | Beskrywing van werk en aantal ure /  *Description of work and number of hours* | Persentasie / *Percentage* |
| Van, Naam  (Student Nr)  *Surname, Firstname (Student Nr)* | Beskrywing van taak 1 / *Description of task 1* (5 ure / *hours*)  Beskrywing van taak 2 / *Description of task 2* (10 ure / *hours*) | Uit 100 totaal. Punt vir voltooiing van take, kwaliteit van werk en moeilikheidsgraad  *Out of 100 total. Mark for completion of tasks, quality of work and degree of difficulty* |
| Amato, Brendan  (26426358) | -Website  -GUI and userfriendliness (10 hours)  -Landing page (1 hour)  -Email features (1 hour)  -AuthGuard protection (1 hour)  -Error403 page (1 hour)  -Sign out features (1 hour)  -Document  -Appendix compling and proof reading (2 hours) |  |
| Du Toit, Keagan  (26117967) | -Truffle (main)  -Implementation (1.5 hours)  -Cryptocurrency features (5 hours)  -Database  -Creation of tables (45 min)  -Population (45 min) |  |
| Janse van Rensburg, Theunnis  (25911864) | -- Mobile App (main)  - GUI and Funtionality  • Splashscreen (30min)  • Login (40 min)  • Forgot password (30 min)  • Registration (45 min)  • Main form + Menu bar (1 hour)  • Navigation between fragments ( 1hour)  • Music Browser fragment (2 hours)   Displaying music in tabs and gridview  • Music Player fragment (1 hour)  • My Playlist fragment (1 hour)  • My Profile fragment (1,5 hours)  View and edit  • About fragment (30 min)  • My Cart fragment (1 hour)   Listing items in user cart  • Topping up funds (40 min)  • Testing for available connection on each important event(45 min)  - Testing and debugging of Final Application Built(1 hour)  - Overall GUI fixing (1 hour)  - Website Testing (45 min) |  |
| Kim, Dahee  (25920057) | -Document (main)  -Technicality (3 hours)  -Technical Report (9 hours)  -Compiling group members’ (2 hours)  -Proof reading and editing (3 hours)  -Business Case (15 hours) with Zander  -Database  -Start up (create tables, foregien relations) (30 min)  -Dumps (30 min)  -Mobile App with Theunnis  -Validations (30min)  -Minor GUI adjustments (1 hour)  -Graphics for all (main)  -Create graphics (wallpaper, buttons, logo, icons, etc.) (25 hours) |  |
| Naudé, Vorster  (26192349) | Website (main)  -Wallet, Created the page where the users can see their coins as well as see how many songs they can buy with then at that point in time.(4 Hours)  -Artists features, Created the page where the artist can view his/her content as well as edit, upload and delete albums. I did this with Philip’s help. Implemented in Angular (15 Hours)  -Login Functionlity, Created the page where the user can log in with username and password. Data validation added as well as server connectivity with Philip. Implemented in Angular (8 Hours)  -Register Functionality, Created the page where a new user can create an account and thereafter login with that details, Data validation as well as server connectivity with Philip (8 Hours)  -Music Player footer, Created the footer that is present at the bottom of all pages where music play can be controlled. Volume, playlist, pause/play can be controlled from here. All functionality added as well as styling and connection with webservice with Philip (15 Hours)  -Top songs, Created the page where the most viewed songs in the database are displayed and can be played/ previewed. Styling and layout of page + functionality(6 Hour)  -Top Artists, Created the page where the top artists can be viewed. Layout, styling and functionality of page (4 Hour)  -Album View, Created the page where the users can view the content of an album as well as play it by clicking on it. Layout, styling and functionality added(6 Hours)  -Artist View Created the page where users can view other artist’s profiles and see all the albums they have. Layout styling and functionality added (8 Hours)  -Cloud implemetation, setup of apache server on aws ec2 instance to allow connections from outside its domain as well as host the website’s content (3 Hours)  -Connecting website with webservice using all of it’s available methods, with Philip (10 Hours) |  |
| Van Vuuren, Zander  (24678317) | -Assistance (all regions)  -Mobile Application Debugging (6 hours)  -Blockchain/Solidity implemetation (2 hours) with Keagan  -Website design (6 hours)  -Documentation with Dahee  -Compling (15 hours)  -Proofreading (2 hours) |  |
| Venter, Philip  (24674672) | Webservice (main)  -Email feature (setting up new gmail acc and setting up module to email on register) 4 hours  -Email html layout 2 hours  -Forgot password email + function 2 hours  -Music feature (streaming) 1 hour  -Web tokens 3 hours  -Cloud implementation (setting up web service with correct ports and CORS for website) 5 hours  -Download (download songs function) 2 hours  -Adding block hash to downloaded song 1 hour  -Send images function 2 hours  -Upload features 10 hours (with vorster)  -Login function 2 hours  -Register function 3 hours (with vorster)  -Link to database 6 hours (rewrote it 3 times)  -Get and Post functions(get and set functions for accessing and changing data in DB about ~35 functions) 12 hours  -Helping Keagan to get the blockchain functions working on the web service 3 hours  -Mobile App  -Connections to server (register and login) 8 hours  -Music features (media player and buttons and getting music from server) 8 hours  -Getting images from server to App 2 hours  -Design implementation with Theunnis (getting images into gridview) 5 hours  -Database  -Creating tables and foreign relationships (song, user, album, playlist, user\_playlist and user\_address tables) 7 hours  -Creating multiple views to get data previously unavailable (worked with vorster to get correct data into each view namely: artist\_songs, artist\_album, artists, playlist\_items, song details, user\_playlists) 7 hours  -Getting mySQL onto AWS and setting it up (with vorster) 2 hours |  |

# Kommentaar / Comments:

As jy vir ‘n groeplid ‘n beduidend swakker punt gee, verduidelik hier waarom. If you assigned a significantly lower mark to a group member, explain the reason here.

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| Groeplid / Member: | Rede vir swakker punt / Reason for lower mark: |
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