**The history app.**

**Module name:** Introduction to mobile application development.

**Module code:** 5112

**Introduction:**

* Welcome to “The history app”. I have created this app to entertain users and generate famous names according to the age entered. In this report I will be breaking down the details of the app, the tools I have used, as well as the people I have named in the app to match with the age entered. With The History app users can see what famous person they match up with by a simple click of a button. Whether you're a just a student in school or even university looking to do some history research for a school project or an assignment that needs you to go back in time or you are just a person who loves seeing who they match up with as well as reading some information on the famous person they match up seeking knowledge, well I am proud to say I have created that just for you, our app caters to your needs with precision and efficiency.

**Body**

* **User interface-** With the help of Canva, I have used some of their tools to help design my app and make it pleasing to the eye and fun to use. I have added history themed pictures and well as different shades of browns and cream to tie in the theme of “History”. Time and effort went into hand picking the individual components as well as placing them to make it extremely user friendly.
* **Age classification unit-** In this application, I have used a total of 10 famous people to co-ordinate with the ages entered by the user.

1. Cameron Boyce- An American male actor on Disney channel who had passed away at a young age of 20 years old.

Moore, J. 2023. Cameron Boyce's Parents Reflect on His 'Tremendous Loss' 4 Years Ago and Why He Would Be 'Proud' of Them Now. 27 September 2023. Available at <https://people.com/cameron-boyce-parents-reflect-on-his-death-and-legacy-4-years-later-7975555> [Accessed 24 March 2024]



1. Tupac Shakur- An American rapper and song writer. His rise to fame started during 1987. His shocking passing only happened at a young age of 25 years old and till this day, his murder remains unresolved.

Pezenik, S. and Margolin, J. 2024. Audio obtained of Tupac Shakur murder suspect's jailhouse call. 18 January 2024. Available at <https://abcnews.go.com/US/audio-obtained-tupac-shakur-murder-suspects-jailhouse-call/story?id=106468448> [Accessed 24 March 2024]



1. Lisa Lopes- An American RnB singer known as “Left eye”. She started singing at the age of 10 and sadly passed on at the age of 30 years old.

Mendez, M. 2023. What Happened to Lisa "Left Eye" Lopes? Revisiting Her Death 21 Years Later Alongside New Doc. 6 March 2023. Available at <https://www.popsugar.com/celebrity/what-happened-to-lisa-left-eye-lopes-49190632> [Accessed 24 March 2024]



1. Paul Walker- An American actor best known for his role in Fast and Furious. He died at the age of 40 in a car accident.



1. Adolf Hitler- From 1933 until his suicide in 1945, Adolf Hitler, a politician of Austrian descent, ruled Germany as its dictator. He died at the age of 50.

Gopnik, A. 2024. The Forgotten History of Hitler’s Establishment Enablers. 18 March 2024. Available at <https://www.newyorker.com/magazine/2024/03/25/takeover-hitlers-final-rise-to-power-timothy-w-ryback-book-review> [Accessed 24 March 2024]



1. Diego Maradona- Diego Armando Maradona was an Argentinean manager and professional football player. He is recognized as one of the best players in sports history and shared the FIFA Player of the 20th Century title with another player.

(Britannica.com Editors of the encyclopaedia, 2024)

Available at <https://www.britannica.com/biography/Diego-Maradona>

[Accessed 24 March 2024]



1. Paul Reubens- A well-known American actor and comedian that died at the age of 70 years old.

Thomas, C. 2023. Paul Reuben’s cause of death revealed. 9 September 2023. Available [at https://www.hollywoodreporter.com/tv/tv-news/paul-reubens-cause-of-death-revealed-1235586163/](https://www.hollywoodreporter.com/tv/tv-news/paul-reubens-cause-of-death-revealed-1235586163/)

[Accessed 24 March 2024]



1. David Soul- An American British actor and singer that has passed on at the age of 80 years old.

Gallagher, C and Savage, M. 2024. David Soul: Starsky & Hutch actor dies age 80. 5 January 2024. Available at <https://www.bbc.com/news/entertainment-arts-67895679>

[Accessed 24 March 2024]



1. John Adams- From 1797 until 1801, American statesman, lawyer, diplomat, author, and founding father John Adams led the country as its second president.

Available at <https://www.whitehouse.gov/about-the-white-house/presidents/john-adams/>



1. George Burns- An American comedian and actor that died at the age of 100 years old.



**App purpose:**

* The purpose of “The history app” is to get the age input of the user and to generate the history of that age. A famous person with some additional information will pop up after the user clicks on the generate button.

**App design:**

* With the help of android studio, I was able to code up this app using the Kotlin language and a simple when statement. The variables I have declared are my edit text, text view, button 1 as well as button 2. In the next step after declaring my variables I have initialized them and used strings. I have set a limit between 20 and 100 for the ages to be entered.
* I have uploaded my app design to GitHub by creating a new repository and adding my commits. GitHub is an online platform that uses the distributed version control system Git for version control. For each project, it provides wikis, task management, feature requests, issue tracking, and other collaboration tools. Developers can collaborate on projects with other developers and host their code repositories in a public or private cloud with GitHub. It is extensively used for code management and sharing by open-source groups and the software development industry.
* Canva is the design tool I have used to help decorate and design the cover of my app. Canva made it extremely easy for me to use and make the app aesthetically pleasing to the user’s eye.

**Error handling:**

* My app has toast messages that will tell the user when an invalid number is entered. It will not be accepted by the app interface and will display “Invalid age entered.” In user-facing applications, it's important to provide feedback to the user when errors occur. This could be in the form of error messages or prompts guiding the user on how to resolve the issue.

**GitHub**

* I have uploaded my work to GitHub by, GitHub is an online platform that uses the distributed version control system Git for version control. For each project, it provides wikis, task management, feature requests, issue tracking, and other collaboration tools. Developers can collaborate on projects with other developers and host their code repositories in a public or private cloud with GitHub. It is extensively used for code management and sharing by open-source groups and the software development industry.

**References:**

Cameron Boyce available at:

https://www.google.com/url?sa=i&url=https%3A%2F%2Fdisney.fandom.com%2Fwiki%2FCameron\_Boyce&psig=AOvVaw3-En9VWrD5xFRTxZ1CVVzQ&ust=1711394083508000&source=images&cd=vfe&opi=89978449&ved=0CBIQjRxqFwoTCNjenfnNjYUDFQAAAAAdAAAAABAE

Tupac Shakur available at:

https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.chipublib.org%2Fblogs%2Fpost%2Ftop-picks-tupac-shakur%2F&psig=AOvVaw26jtqTq\_gHfDGdz1qQbFER&ust=1711395443951000&source=images&cd=vfe&opi=89978449&ved=0CBIQjRxqFwoTCNi\_iYLTjYUDFQAAAAAdAAAAABA

Lisa Lopes available at:

https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.biography.com%2Fmusicians%2Flisa-left-eye-lopes&psig=AOvVaw2c74oAEXCiSf3cB3dxI-mc&ust=1711395690738000&source=images&cd=vfe&opi=89978449&ved=0CBIQjRxqFwoTCPjT-PfTjYUDFQAAAAAdAAAAABAE

Paul walker available at:

https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.motor1.com%2Fnews%2F253282%2Fpaul-walker-documentary-premieres-august%2F&psig=AOvVaw0X2A3YQ1HAornzw2g2502z&ust=1711396831955000&source=images&cd=vfe&opi=89978449&ved=0CBEQjRxqFwoTCLDbkufbjYUDFQAAAAAdAAAAABAE

Hitler available at:

https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.history.com%2Ftopics%2Fworld-war-ii%2Fadolf-hitler-1&psig=AOvVaw2dySgoRlRxqR0LzIb-1Fve&ust=1711398393740000&source=images&cd=vfe&opi=89978449&ved=0CBIQjRxqFwoTCPjpz4DejYUDFQAAAAAdAAAAABAE

Diego Maradona available at:

https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.britannica.com%2Fbiography%2FDiego-Maradona&psig=AOvVaw37cCI6Qwr2rrxuzG-5uISm&ust=1711399254080000&source=images&cd=vfe&opi=89978449&ved=0CBIQjRxqFwoTCIDM-prhjYUDFQAAAAAdAAAAABAE

Paul Reubens available at:

https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.timesofisrael.com%2Fjewish-actor-paul-reubens-known-for-his-role-as-pee-wee-herman-dies-at-70%2F&psig=AOvVaw2zyFyp72jVw8-oIqLYw2wY&ust=1711399363242000&source=images&cd=vfe&opi=89978449&ved=0CBEQjRxqFwoTCMju4YvijYUDFQAAAAAdAAAAABAE

David Soul available at:

https://www.google.com/url?sa=i&url=https%3A%2F%2Fnews.sky.com%2Fstory%2Fdavid-soul-starsky-hutch-actor-has-died-aged-80-13042663&psig=AOvVaw3p\_mTZFkBgqHGasnxnj0rb&ust=1711399794139000&source=images&cd=vfe&opi=89978449&ved=0CBIQjRxqFwoTCLj8sJzjjYUDFQAAAAAdAAAAABAE

John Adams available at:

https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.britannica.com%2Fbiography%2FJohn-Adams-president-of-United-States&psig=AOvVaw2Rxyj87T13H0GgeIfJrlC1&ust=1711400547690000&source=images&cd=vfe&opi=89978449&ved=0CBIQjRxqFwoTCOjv34PmjYUDFQAAAAAdAAAAABAE

George Burns available at:

<https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.imdb.com%2Fname%2Fnm0122675%2F&psig=AOvVaw3nn3vFiewfL7S-06q33uCP&ust=1711400691652000&source=images&cd=vfe&opi=89978449&ved=0CBIQjRxqFwoTCKjLrsjmjYUDFQAAAAAdAAAAABAE>

YouTube link for my app that I have created:

<https://youtu.be/AN6prOPWFw?feature=shared>