

ABSTRACT

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CHATBOT DASHBOARD WEB SITE, ACTION, AND API CALL DEVELOPMENT FOR PT TOKOPEDIA.

(xv + 70 pages: 24 figures; 1 table; 18 program codes; 1 appendices)

PT Tokopedia is one of the biggest digital companies in Indonesia. The chatbot division is currently using a dashboard that is made using Native Javascript and is planning to migrate to React. The chatbot division would also like to update and add several actions and API call for their chatbot. In this internship project, the intern will complete a *dashboard* page using React, update and create several actions and API calls for PT Tokopedia's chatbot.

The development of the dashboard page, chatbot actions, and API calls uses Agile Software Development Life Cycle which applies Trunk Based Development. The dashboard is developed using HTML, CSS, React with ANTD Design library. Chatbot actions and API calls is developed using Go. Testing of dashboard page, chatbot action and API call uses unit testing and black box testing.

Development of dashboard page, chatbot action and chatbot API call have been completed. Testing results shows that every test case has a solution that is equal to the expected. Testers from content team of PT Tokopedia also approves all the applications that the intern made.

References: 26 (2003-2021)

ABSTRAK

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PENGEMBANGAN *DASHBOARD* SITUS WEB, *ACTION*, SERTA *API CALL CHATBOT* PADA PT TOKOPEDIA

(xv + 70 halaman: 24 gambar; 1 tabel; 18 kode program; 1 lampiran)

PT Tokopedia adalah salah satu perusahaan digital terbesar di Indonesia. Saat ini, halaman *dashboard chatbot* internal menggunakan Native Javascript dan ingin menggantinya dengan React. PT Tokopedia juga ingin memperbaharui dan mengembangkan *action* serta *API call* untuk *chatbot* mereka. Dalam proyek magang ini akan diselesaikan sebuah halaman *dashboard* menggunakan React, serta pembaharuan dan pengembangan beberapa *action* dan *API Call* chatbot. PT Tokopedia.

Pengembangan halaman *dashboard* serta pembaharuan dan pengembangan *action* dan *API call* chatbot menggunakan metode *Agile Software Development Life Cycle* yang menerapkan prinsip *Trunk Based Development*. Halaman *dashboard* dikembangkan menggunakan HTML, CSS, React dan menggunakan *library* ANT Design. *Action* dan *API call* dikembangkan menggunakan Go. Pengujian halaman *dashboard*, *action*, dan *API call* dilakukan menggunakan *unit testing* dan *black box testing*.

Pengembangan halaman *dashboard* serta pembaharuan dan pengembangan *action* dan *API call* telah berhasil dikerjakan. Hasil pengujian menunjukkan bahwa semua *test case* yang memiliki hasil yang sesuai dengan harapan. Penguji dari tim *content* PT Tokopedia juga menyetujui semua aplikasi yang telah dibuat.

Referensi: 26 (2003-2021)