

Stageonderzoek Appsemble

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1 Inleiding

Appsemble als platform is een snel-groeiend platform voor het ontwikkelen van smartphones applicaties zonder enige kennis te hebben van programmeren. Via een simpele webapplicatie kunnen eindgebruikers een applicatie in elkaar knutselen, testen en doorsturen naar de relevante app-stores (Namelijk de Apple App Store en de Google Play Store).

Echter zijn componenten op het moment zeer gelimiteerd. Zij moeten namelijk ontwikkeld worden door het Appsemble team. Personen en bedrijven kunnen suggesties doen voor gewenste componenten, waarna d-centralize hiernaar gaat kijken.

Dit process is echter gecompliceerd en het kan een tijd duren voordat deze onderdelen geïmplementeerd zijn. Het bedrijf moet in dit geval dus wachten tot de aanvraag in behandeling word genomen.

Dit heeft geleid tot de volgende vraag; Kunnen wij niet zelf componenten ontwikkelen?

Op het moment is dit onmogelijk. Als eerste kunnen externe developers niet bij de bron van Appsemble. Dit betekent dat zij geen componenten kunnen maken en testen. Daarnaast is er geen enkele API beschikbaar om in Appsemble zelf externe componenten te faciliteren. Hier moet verandering in komen.

De beginstap van het ontwikkelen hiervan is dit onderzoek, waarin geprobeerd word een antwoord te geven op de volgende vraag: *Hoe wordt het process voor het ontwikkelen van plug-in componenten voor Appsemble zo simpel mogelijk gemaakt?*

2 Samenvatting

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3 Wie ontwikkelt met Appsemble

Als platform is Appsemble al live (Te vinden op <https://www.appsemble.com/en/>) en word al in de praktijk toegepast voor enkele apps.

3.1 GroenEnZo

Leverage agile frameworks to provide a robust synopsis for high level overviews. Iterative approaches to corporate strategy foster collaborative thinking to further the overall value proposition. Organically grow the holistic world view of disruptive innovation via workplace diversity and empowerment.

Bring to the table win-win survival strategies to ensure proactive domination. At the end of the day, going forward, a new normal that has evolved from generation X is on the runway heading towards a streamlined cloud solution. User generated content in real-time will have multiple touchpoints for offshoring.

Capitalise on low hanging fruit to identify a ballpark value added activity to beta test. Override the digital divide with additional clickthroughs from DevOps. Nanotechnology immersion along the information highway will close the loop on focusing solely on the bottom line.

3.2 Deel 2

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4 Welke API's moeten beschikbaar zijn voor de eindgebruiker

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4.1 Interfacen met app

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4.2 Animaties

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4.3 Interfacen met interne API's

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4.4 Interfacen met externe API's

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5 Wat zit er in een standaard SDK

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5.1 Voorbeelden

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5.2 Documentatie

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5.3 Inzichten op code

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5.4 Bestaande toolset

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6 Wat gaat er in de Appsemble SDK zitten?

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6.1 Beschikbare API's

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6.2 Voorgemaakte componenten

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7 Hoe worden componenten gepubliceerd

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7.1 Signing

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7.2 Hosting

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7.3 Marktplaats

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7.4 Laden tijdens runtime

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8 Conclusies

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