Ujumbo: A Generic Application Development Platform

Motivation
Observation: Multiple organizations face similar, but not identical problems.

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<th>MERT</th>
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<td>Email forgotten students</td>
<td>Shift Sign up</td>
<td>Form / Event Data</td>
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<tr>
<td>Presence check</td>
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<td>Email attendance reminder</td>
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Ujumbo is a platform that helps organizations and developers create custom workflows and organize data.

Ujumbo

Datasources

- Google Spreadsheets
- CSV/Excel files

Triggers

- Datasource modified
- SMS/Email received

Actions

- Update Google Doc
- Send SMS/Email

UI

So what are the requirements for a solution to this problem?

- Automation
- Customizable Components
- Familiarity

What is an example of something you can build with Ujumbo?

Let's say an organization is registering new members, and would like to acquire their phone number and email, and then notify them about various events, and they want to store the response.

Conclusion

- Accomplished
- Customizability
- Future Work
- Extensibility

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