

# BIT App Canvas

<b>Concept</b> <p>The buildings owned by the government need management and repairs. This work is conducted by Inspectors, Managers and Supervisors. The app allows everyone to perform their specific work in an integrated and organized way, with agility and flexibility.</p>	<b>Vision</b> <p>Every government building registered in the app with updated information of jobs carried there (if any) and every single one of the buildings receiving an inspector visit at least once per year.</p>	<b>Team</b> <p>João Raimundo Jonathan Gehmayr Miguel Nunes</p>
<b>Problem</b> <p>There is a need to create a platform of communication and collective work development for the different employees responsible for the management and general condition of all government buildings in the country.</p>	<b>MVP</b> <p>An app that is the daily working platform for an entire group of government employees managing all the government buildings.</p>	<b>App Discovery</b> <p>App recommended by the government for the employees of the Building Inspection Team. The new members recruited by the BIT discover the app.</p>
<b>Characteristics</b> <ul style="list-style-type: none"> <li>Detailed query feature to search for every government building</li> <li>Add buildings, update building info or delete any building from the app</li> <li>Detailed query feature to search for every job registered in the app</li> <li>Add jobs, update job info or delete any job from a specific building</li> <li>Visualize the complete list of materials used on each job</li> <li>Visualize the complete list of users that worked in each job</li> <li>Read the inspector reports written for each job</li> <li>Query feature to search for specific reports</li> <li>Classify each job under different categories over time according to the development progress of the job</li> <li>Chat feature with a unique conversation for each job</li> <li>Detailed query feature to search for every user of the app</li> </ul>	<b>Target group</b> <p>BIT Employees working for the government.</p> <p>These are divided in 3 main groups:</p> <ul style="list-style-type: none"> <li>A) Inspectors, the employees that follow the progress of the jobs being carried and write the respective reports;</li> <li>B) Managers, the employees that manage the jobs on the app;</li> <li>C) Supervisors, the employees that manage the buildings on the app and supervise the work of the previous two groups of employees.</li> </ul>	<b>Success factors</b> <ul style="list-style-type: none"> <li>The app facilitates and integrates the work done by everybody in the BIT.</li> <li>There is a detailed and organized record of buildings and respective jobs information kept by the government.</li> <li>The use of the app will be mandatory for all BIT employees.</li> </ul>
<b>Core functions</b> <ul style="list-style-type: none"> <li>Add new jobs for a specific building and follow their progress through time with the reports written for those jobs.</li> <li>Chat functionality for each job.</li> <li>Keep a record of all the materials used in each job.</li> <li>Add new government buildings or update the existing ones.</li> <li>Keep a trace of all the jobs carried so far for each building.</li> </ul>	<b>Discards</b> <ul style="list-style-type: none"> <li>Previous monolithic government databases will be substituted by the microservice data collection on the app.</li> <li>Chat apps used for general conversations will be substituted by the chat service on the app, designed to talk exclusively of the jobs being carried.</li> </ul>	<b>Languages</b> <p>The app is written in english to account for foreign BIT employees.</p> <p>In the future the app may have other languages to be selected by the users (for example, if the app is sold to foreign countries or if it is a feature desired by a big portion of the users).</p>
		<b>Platforms</b> <p>The web application can be accessed through the web browser and smartphone app.</p>
		<b>Price</b> <p>This app is completely free to use for the BIT.</p>