Transition Plan (TP)

Nuleep – Chat System

Team 08

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11/24/2020
## Version History

<table>
<thead>
<tr>
<th>Date</th>
<th>Author</th>
<th>Version</th>
<th>Changes Made</th>
<th>Rationale</th>
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<td>0.1</td>
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<td>11/19/20</td>
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<td>Complete software and site preparation required for transition.</td>
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<td>11/22/20</td>
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<td>0.7</td>
<td>Complete stakeholder responsibilities and transition schedule</td>
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<td>1.0</td>
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1. Transition Strategy

This section will highlight the transition strategy implemented by the development team to handover the chat system to the client, Nuleep.

1.1 Transition Objectives

- **Extent of capability transitioned**: Fully operational chat system integrated with the existing Nuleep iOS app.
- **Number and nature of transition sites**: The app will be transitioned in homogeneous manner, since the chat system will be integrated with the existing app.
- **Degree of post-transition developer support**: Intermediate - The development team will be available on standby in case any issues arise, and the client has been informed that they can reach out to the developers over the Slack channel or via email for any support.
- **Degree of validation of operational satisfaction of stakeholder objectives**: All the operational capabilities have been thoroughly validated and verified before transition.
- **Nature of product transition**: The chat system will be transitioned as an added functionality to the existing Nuleep iOS app.
- **Relation to support objectives**: The transition has been planned such that the key aspects of the application can satisfy the needs of the end users of Nuleep in an effective way and to stand tall with the existing competitors such as Jumpstart, LinkedIn and the like.

1.2 Transition Process Strategy

- The cutover strategy primarily involves integrating the stand-alone chat system to the existing Nuleep iOS app. This involves 2 phases -
  - Alpha-testing of the stand-alone app to verify and validate all the features and capabilities.
  - Integration of the stand-alone app to the existing app.
  - A round of integration testing to ensure that the integration does not cause any regression and that the chat system behaves the way it is supposed to.
- There exist 2 rounds of alpha testing. The first is carried out on the stand-alone app and is the most important. The second is aimed at regression testing and more importantly, on ensuring that the integration does not break any existing functionality.
2. Preparing for Transition

This section details the transition preparation implemented by the development team to handover the chat system to the client, Nuleep.

2.1 Hardware Preparation

The chat system is a software-intensive product and does not involve the use of any specialized hardware.

2.2 Software Preparation

- The entire code base that includes a chat system and its integration into the Nuleep would be packaged into a single pull request that will be raised to the existing repository that Nuleep uses.
- This pull request will be reviewed by the in-house developers of Nuleep.
- The license for the Twilio API already exists with the Nuleep team.

2.3 Site Preparation

- A handover session has been scheduled to take place on the 3rd of December, 2020 at 2000 hours.
- This is scheduled to take place a week after the pull request has been made. This would allow the Nuleep development team to review the pull request and raise any concerns that may arise during the review.
- After the official handover the code will reside on the Nuleep repository.
3. Stakeholder Roles, Responsibilities and Schedule

This section details the stakeholder roles, responsibilities and schedule, required for a successful handover of the chat system to the client. It describe the responsibilities of the various stakeholders and also estimates the time by which these responsibilities would be completed.

Table 1: Transition Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Role</th>
<th>Responsibility</th>
<th>Location</th>
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<td>11/20/20</td>
<td>Testers</td>
<td>Complete manual testing of the chat system</td>
<td>Remote</td>
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<td>11/24/20</td>
<td>Integration Team</td>
<td>Complete integration of chat system to Nuleep app</td>
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<td>11/25/20</td>
<td>Implementers</td>
<td>Submit pull request to Nuleep repository</td>
<td>Nuleep GitHub Repository</td>
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<tr>
<td>12/03/20</td>
<td>CS577 team</td>
<td>Official handoff which includes review of submitted pull requests</td>
<td>Remote (Zoom)</td>
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</table>

Training is an essential part of the transition process. The team laid the foundation for the training process within the last month where in regular office hours were conducted with Nuleep development team, to go over the changes made to the code in regard to the chat system and also to optimize it in areas where an optimization could boost performance and efficiency.