

# UPdate Requirements Document

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## Objective

FGCU faculty and staff are having difficulty getting in touch with students because of outdated contact information. At times, one division of FGCU may have the correct information while another doesn't. Students need a way to be able to update their contact info granted they want to one now and then so that all divisions/staff of FGCU have that information.

## Success metrics

Goal	Metric
Make it easier for FGCU faculty and staff to reach students by having a system that makes students update their contact info	Amount faculty/staff successfully get in contact with students vs fails







## Assumptions






- FGCU staff know how to get a hold of student contact info
- Can easily be fixed with a simple solution
- Students would like the university to have updated contact info
- All students will come across registering for classes, spoi surveys, or attendance verification





## Requirements

	Requirement	User Story	Importance	Jira Issue	Notes
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1							HIGH		
	<b>Key</b>	<b>Summary</b>	<b>P</b>	<b>Key</b>	<b>Summary</b>	<b>P</b>			
	<a href="#">SS-40</a>	<a href="#">UPdate coders shall regularly make comments in code to make the code easier to interpret.</a>	↑	<a href="#">SS-14</a>	<a href="#">As a professor, I want this system to be reliable so that I can get in touch with students.</a>	↑			
	<a href="#">SS-39</a>	<a href="#">Update shall follow PEP 8 styling guide</a>	↑	<a href="#">SS-13</a>	<a href="#">As a student, I want this system available all semester long so that I'm not overwhelmed during registration or finals.</a>	↑			
	<a href="#">SS-38</a>	<a href="#">UPdate shall put new software through continued stress testing before implementation.</a>	↑						
	<a href="#">SS-37</a>	<a href="#">UPdate shall create and maintain user documentation for both students and employees</a>	↑	<a href="#">SS-12</a>	<a href="#">As a professor, I want this system to be efficient so that I can find student information quickly.</a>	↑			
	<a href="#">SS-36</a>	<a href="#">UPdate shall use the same exact data types as the information received from FGCU's database</a>	↑	<a href="#">SS-11</a>	<a href="#">As a student, I want my personal information to be secure so that I don't get my identity stolen.</a>	↑			
	<a href="#">SS-35</a>	<a href="#">UPdate's price of maintenance shall remain below the amount it produces in profit</a>	↑	<a href="#">SS-10</a>	<a href="#">As a professor, I want student contact</a>	↑			

<a href="#">SS-34</a>	<a href="#">UPdate shall have required maintenance every month</a>		<a href="#">information to be correct so that I can get in contact with students.</a>			
<a href="#">SS-33</a>	<a href="#">UPdate database shall not connect to FGCU's staff information systems</a>		<a href="#">5 issues</a>			
<a href="#">SS-32</a>	<a href="#">UPdate database shall not update FGCU staff or professors information</a>					
<a href="#">SS-31</a>	<a href="#">UPdate database shall extract information from FGCU's Information Systems within a day</a>					
<a href="#">SS-30</a>	<a href="#">When updating information, students shall be able to easily read text.</a>					
<a href="#">SS-24</a>	<a href="#">After a student updates their information, UPdate shall send the updated information to FGCU Information Systems in a CSV format.</a>					

SS-23	<u>If a student updates their information, UPdate shall temporarily store that data in a database if traffic is heavy.</u>					
SS-22	<u>During finals and registration week, UPdate shall be available for students to update information.</u>					
SS-21	<u>When UPdate collects the updated information, it shall send ALL information that was updated within 24 hours.</u>					
SS-20	<u>When the UPdate receives updated contact information, UPdate shall not share that data with 3rd parties besides FGCU's Information Systems ever</u>					
SS-19	<u>When a student decides to update their information, the system shall not ask for SSN's or bank information</u>					

<a href="#">SS-18</a>	<a href="#">When a professor asks for student information, UPdate shall tell the professor that information can only be taken from FGCU's Information Systems.</a>					
<a href="#">SS-17</a>	<a href="#">If a student does not want to update information, the system shall stop prompting the student within one day.</a>					
<a href="#">SS-16</a>	<a href="#">After UPdate collects the updating information, UPdate shall send that data to FGCU's Information Systems Database.</a>					
<a href="#">SS-15</a>	<a href="#">When a student updates their contact information, the system shall store that data for a maximum of 24 hours.</a>					
<a href="#">21 issues</a>						

## User interaction and design



ContextDiagram.pdf

### Open Questions

Question	Answer	Date Answered
How might we make users more aware of this system?		
What type of review system should we provide to get an approval rating?		

### Out of Scope

- Collecting student SSN or bank info
- Sending student info directly to FGCU professors/staff (aka 3rd parties)